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DIARY OF INSECTS, &c., CHIEFLY HYMENOPTERA, COLLECTED BY A.W. Stelfox

July 10th 1937 – July 24th 1938.

VOL. 9.

2/

10th July 1937. A fine day, with [illegible], but rather strong NW wind & [illegible] gleams.

Swept during lunch hour, 12.30 – 1.30 PM. in ditch & along bee-side of hedges at Ratoath bog, Co. ME., where museum digging for Irish Elk remains.

Ratoath Bog, Co. ME.

Bombus lucorum, agrorum, & lapidarius ♀♀ seen.
B. terrestris 1♀, seen, on Carduus arvensis near Dunshaughlin
Amblyteles armatorius ♂♂ seen for first time 1937
Spilomena pygmaea 1♂.
[illegible] [illegible] ♀.
[illegible] [illegible] 1♂, nearly black
[illegible] [illegible] 1♀.
[illegible] [illegible] 1♂, strongly [illegible].
T. [illegible] ? 1♂.
Tryphon [illegible] 1♂
[illegible]
Tenthredinidae [illegible] 1♂ [illegible] 1♀ [illegible]
[illegible] 1♂
[illegible] [illegible] 1♂
[illegible] [illegible] 2♂♂

13

10.7.37 contd. Ratoath, Co. ME, contd.
[illegible]? 1♂
[illegible] = [illegible] 1♂

[illegible] [illegible] 1♂ [illegible] & one without
= [illegible] ? & [illegible] ? [illegible] 20/12/20

[illegible] = ? 6 small black-legged [illegible] [illegible] 1941.
[illegible] 1♂, small, [illegible] in the [illegible] thorax.
[illegible] [illegible] 1♂, 1♀ (not kept.)
[illegible] [illegible] [illegible], not kept.
[illegible] [illegible] [illegible] not kept.
[illegible] [illegible] 1♀ (not kept.)
[illegible] [illegible] 1♂, [illegible] [illegible] ?

[illegible] alba 1♀.
Philaenus spumarius ♀ 1♀.
Ph. [illegible] 1♀ not kept.
[illegible] [illegible] ♂ & ♀.
[illegible] [illegible] ♀ = C. [illegible] ? dilatata Thom. [illegible] 23/1-44.
C. [illegible] ♂♂ & ♀♀ = C. [illegible] ? 1♀
C. [illegible] ? 1♂ C. [illegible] ? 1♂.
C. ([illegible]) 1♀.

10.7.37 cont. Rotwold, ME, cont. ([illegible] 3 spp [illegible])

[illegible] [illegible], [illegible] & [illegible] (partly)

D. [illegible] [illegible] [illegible]. D. [illegible] 1♀

D. [illegible] normal · mult. · [illegible]

D. n. sp. [illegible] [illegible] 1♀ Yes! Nixon agrees it is a n. sp. in oralis group.

D. affinis [illegible] [illegible] [illegible]

D.? sp. with [illegible] [illegible] & [illegible] [illegible] 1♀, same as taken on 23/5/37 — [illegible] & 6/7/37 at Kilkee Park. = D. [illegible] teste AWS 20/3/38.

[illegible] [illegible] [illegible] ? (= [illegible] [illegible] [illegible] [illegible] [illegible] [illegible])

Aphidius [illegible] [illegible] [illegible] : very abundant.

= at least [illegible] spp.

[illegible] [illegible] 1♀

Pontos [illegible] ♂ ([illegible] [illegible] · two [illegible])

[illegible] [illegible] [illegible]

[illegible] 3

10.7.1937. Xylonomus, 1 black ♂ taken investigating holes in clothes-line post in garden. } 14 Clareville Rd Harolds X Dn.

Vespa norvegica 1♀ in garden. rarely seen here!

11th July 1937. Very hot & moist. Drizzle from 7 AM till noon, then fine, windy (W.) & temperature rising till in afternoon the [illegible] heat nearly unbearable. Drove to [illegible], Co. Wi., & tried sweeping, but everything very wet & flies & [illegible] [illegible] on back to the car, [illegible] George (who had arrived home that morning on holidays) & Denis.

All taken packed up for B.M. except 4 specimens as follows:—

[illegible] [illegible] 1 [illegible] ♀.

[illegible] [illegible] ♂.

[illegible] sp. ♀ = "a very small [illegible], antennae too short & [illegible], too dark, etc. for [illegible]. AWS. 20/3/38.

Yes! Nixon agrees 4/4/38 ×

[illegible]

11.7.37. Sigalphus pallipes 1♀ taken on window in house, 14 Clareville Rd, Harolds Cross, Dn.

[illegible] [illegible] & [illegible] 1st [illegible] seen in garden.

[illegible] [illegible] ♀ seen on tall yellow Sedum.

Hylaeus communis ♂ seen in hole in post.

6/

13th July 1937. Very hot, though no sun till afternoon, but vegetation very wet after rain on previous evening. SW wind.

[illegible] under lee of hedge at SW corner of Ratvatt Bog, Co ME, as on 8th & 10th inst.

All collected by sweeping during two hours & only a few [illegible]. not much [illegible].

Antrac.
[illegible] [illegible] 1♂. [illegible] [illegible] [illegible] of [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] = 1 [illegible] [illegible] [illegible] =

[illegible] [illegible] 1♂. [illegible] [illegible] 1♂.

[illegible] [illegible] 1♂ = [illegible] ([illegible] 23/[illegible])

C. [illegible] [illegible] [illegible] [illegible]

C. [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible], [illegible] & [illegible] [illegible] [illegible] [illegible]

D. [illegible] [illegible] : [illegible]

D. [illegible] [illegible]

"[illegible]" [illegible] 1♂, [illegible] [illegible] [illegible]

(7

13.7.37 cont. Ratvatt Bog, Co ME, cont.

[illegible] [illegible] 1♂, 2♀♀ [illegible] [illegible] [illegible] [illegible] in [illegible] [illegible] [illegible] [illegible] of [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible]

WEXFORD TRIP July 1937.

15th July 1937. A very hot fine day after a wet night. Left Dublin at 11 A.M. & drove, via Wicklow & Enniscorthy, to Curracloe, Co. WX. Stopped for lunch at bridge over railway 2 miles S. of Inch station & did a little sweeping in fields & roadsides, then on to Artramon Ho., 1½ miles W of Castlebridge, there swept under trees along left side of road, though still very wet after previous night's rain; then on to Strand Hotel, Curracloe, where arrived about 5 P.M. & after tea did a little sweeping in sandhills.

Fields & roadsides by railway bridge 2 miles S. of Inch station, Co. WX. AWS. 15.7.37. 1.0 till 2.30 P.M.

Of those taken all but ten sent to B.M.

Glypta sp. ? 1 ♀: runs to [illegible] [illegible]

Pezomachus [illegible] 1 ♂, wingless.

Plectiscus 1 ♀.

15.7.37 cont. S. of Inch, Co. WX., cont.

Bracon sp. nr. satanas ♀

Microgaster [illegible] [illegible] 1 ♂ [illegible] [illegible]

Meteorus micropterus 1 ♂

Opius sp. ? 1 ♂ with 29 seg. ant. [illegible]

Alysia tipulae ? 1 ♂.

Dacnusa [illegible] 1 ♂

D. [illegible] 1 ♂.

15.7.37, cont. Roadsides, under trees, at Artramon Ho., 1½ miles W. of Castlebridge, Co. WX, 4.0–4.30 P.M.

[Most sent to B.M., 20–30 only kept.]

Pimpla [illegible] 1 ♀

[illegible] 1 ♂

[illegible] [illegible] ? 1 ♀.

Bracon [illegible] 1 ♀ [illegible]

Rhogas [illegible] 1 ♂, with red on head, [illegible]

Meteorus [illegible] 1 ♀, 17 seg. ant.

Opius [illegible] ? 1 ♂

10

15.7.37 cont. W. of Castlebridge, Co. WX., cont.

Trachyusa aurora 1♀, [illegible] with dark stripe [illegible]

[illegible] [illegible] ? [illegible]

D. [illegible] 2♂♂ 2♀♀   D. cyclops 1♀.

Bracon sp.? 1♂ = "n. sp. of Latreille's group" fide Nixon in litt. 8.37.

D. [illegible] ? 2♀♀ (on same [illegible]).

Aphelinus [illegible] black sp.? } [illegible]

A. [illegible] sp. 2♀♀

~~Hundreds of Sandmartins gathered over marsh in evening & all gone next morning~~ : all returned next & each following evening.

15.7.37 cont. Sand dunes, &c., Curracloe, Co. WX
8 till 9.30 PM. [Most out to 8 PM.]

Bombus distinguendus 1♀ seen on roadside near hotel

Sphex lutarius 1♂, 1♀ seen on dunes.

Chelogynus 2♀♀ swept: 1 kept.

Bracon [illegible] 2♀♀ on same [illegible]. Meteorus [illegible] ? 1♂.

[illegible] [illegible] ? 1♂. [illegible] [illegible] 1♀, small.

Ophion sp. 1♀. [illegible] sp. 1♀.

Thersilochus [illegible] 1♀.

[illegible] sp. 1♂.

11.

16th July 1937. A perfect morning, with strong S.-SE. wind after 11 AM, breezing up again with rain in evening (8 PM.).

Spent 2 hours in sandhills (11 AM – 1 PM) in forenoon, 1/2 hour sweeping field in front of Strand Hotel in afternoon (5.30 - 6.0 PM.) & short time in evening just before rain in dunes, when very little out with.

16/7/37 cont. Curracloe sandhills, &c., 11 AM - 1 PM.
= "I" or "AM"

Bombus lucorum very [illegible] seen.

Megachile maritima 1♀ seen.

Colletes montanus & picistigma seen.

Halictus spp. seen near hotel (probably rubicundus, prasinus & nitidiusculus, with Sphecodes affinis? & hyalinatus??

Pompilus plumbeus (frequent), gibbus ♂♀, & rufipes 1♀.

Crabro wesmaeli frequent.

Mellinus arvensis 1♂ seen.

Oxybelus uniglumis 1♂.

Tachysphex pectinipes 1♂.

Sphex lutarius 1 seen in dunes.

Exetastes [illegible] sp. 1♂. Phygadeuon [illegible] ? 1♀.

Ichneumon [illegible] small black sp. 1♀. [illegible] [illegible] sp. 1♂.

16. 7. 37 cont. Dunes, &c., Curracloe, WX., cont.
[illegible] 2 ♂♂ 2 ♀♀ = (1) Curracloe
=
Bracon fulvipes 1 ♀.
Perilitus rutilus 1♂, 1♀ [illegible]
Aspilota (Syndelis) [illegible] 1 ♀.
[illegible] 1 ♂ [illegible] taken off [illegible], [illegible] 2 ♀ [illegible], a [illegible]

[illegible] bicolor [illegible] taken by G.M.S. on this date! ANS.

[illegible] 1 ♂, [illegible] [= [illegible] 8. 37.
D. [illegible] 1 ♂ [illegible] 8. 37
[illegible] 1 ♀ [illegible]
[illegible] 2 ♂♂ 2 ♀♀ =

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16. 7. 37 cont. 5.30 – 6.0 PM. = 2
Field in front of Strand Hotel, Curracloe, Co. WX.
(All sent to B.M. except the following [illegible])

[illegible] 20 [illegible], large, [illegible]

[illegible] 1 ♂, 1 ♀ kept.

Perilitus rutilus 1 ♀, 23 [illegible] cut.

16. 7. 37 ([illegible]) cont. [illegible] (1), Co. WX. cont.

[illegible] 3 ♂♂, [illegible] in colour but smaller [illegible] polished.
[illegible]
[illegible] 1 ♂ [illegible] 8. 8. 37.

Aspilota [illegible] 1 ♀, [illegible]
"Aspilota [illegible]" 1 ♂ which might [illegible]
Mesochorus paludum 1 ♀, [illegible] the species.

Proctos 2 =

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16. 7. 37 cont. 7.0 till 8.0 PM. = 3.
Dunes & edge of marsh behind same, Curracloe, Co. WX.
(All sent to B.M. but the following 3)
Mesopolo =
[illegible] 1 ♀
[illegible] 1 ♀.

17th July 1937. Very warm, dull & misty in morning, after a very hot night & morning, sultry. All afternoon bright sun & a strong northerly breeze during the afternoon. [illegible] [illegible] late [illegible].

Curracloe Co. WX.

11.0 till 1.30 (morning) ="A.M.". Spent time in dunes S. of Strand Hotel road, but insects very scarce & shy. Most sent to B.M. the following [illegible]

Dicondylus 1♀.

Homotropus: 1♀, with red legs & very black base.

H.? 1♀ with [illegible] clouded wings.

Cremastus geminus Grav.: 1♀ [illegible].

17.7.37 AM cont. Curracloe, WX cont.

[illegible] [illegible]? 1♂.

Platygaster? 1 large, fat, ♀.

Chalcid: a beautiful green sp. with long [illegible] & large (? [illegible]) calcar on mid tibiae, ♂.

17.7.37 cont. 3.30 till 5.0 P.M. (Afternoon) ="P.M."

Spent time in dunes & edge of marsh N. of Strand Hotel road, but very windy & [illegible] [illegible] very [illegible].

Dicondylus 1♀

Bembex [illegible] – 1 specimen only, [illegible] [illegible] [illegible].

Vespa [illegible] 1♀ [illegible] [illegible].

Aritranis [illegible] 1♀ on carrot in dunes. (ANS. Aug 15. 1937)

Aritranis elegans Grav. & dark var. on carrot flowers between sandhills & marsh: subsequently submitted to G. J. Kerrich, who agreed & stated that it agreed with Desvignes' type in B.M., except in colour, & that he had previously compared with Gravenhorst's type of "Ichneumon leucopygus Grav." in Berlin & that this is also synonymous & has priority

Recorded by Kerrich, 1939(?) in his paper on this group! ANS.

17. 7. 37. afternoon. cont. Curracloe, WX. cont.
Ichneu. ♂ = [illegible] 1 ♂?
Ichneu. ♀ = Gambrus ornatulus Thoms?
Mesoleius sp. 1 ♂.
[illegible] sp. [illegible]

[illegible] formicator a few ♂ on Wild Carrot.

Bracon 1 ♂ (nr. [illegible]?)
Rhogas geniculator? 1 ♀, both antennae broken.
R. bicolor? 1 ♀
[Apanteles caiae 1 ♀ em. 19.7.37 from solitary cocoon found adhering to hairs of a dead larva of Arctia caia in dunes on the 1st date.]
Dacnusa cyclops common: 1 ♂, 6 ♀♀ taken.
D. sylvana 1 ♀, body broken.
D. [illegible]? 1 ♂, [illegible]

[illegible]. 1 Serphid.

Cynipid. 1.

Diff. [illegible] red legged black fly = Sepedon sphegeus F.
Dragon-fly.
Spider = Nyctea

17. 7. 37. cont. 7.0 - 10.0 P.M. (Evening)
Walked along strand to Raven Point at N. entrance to Wexford Harbour & back. Most of the dunes between Curracloe & the Raven have been planted with Pinus maritima by Dept of Forestry.
Nothing under [illegible] & other flotsam on the beach at the Raven. During a [illegible] numerous [illegible] Hymenoptera, which according to the wind allowed themselves to be picked up with the fingers. Had these been blown across the Harbour by the southerly wind which had blown all afternoon or were they at home on the beach.

Beach at "The Raven", Wexford Harbour, WX.

Alysia tipulae 2 ♀♀
Aphaereta cephalotes 1 ♀
Dacnusa cyclops 1 ♀.
2 Ichs. = Hemiteles 1 ♀
& 1 Campoplegid — Casinaria [illegible]? 1 ♀.
1 beetle.

18th July 1937. — A showery day, warm & little drying, after much wet at night. Spent the time (11.30 – 12.30) — sweeping roadside, under trees, W. of Castlebridge, as on 15th; showers — afternoon spoilt [illegible]. & in evening, only got a few minutes sweeping by the canal near Curracloe Ho., before rain once more set in.

Roadside, under trees, at Artramont Ho., W. of Castlebridge, Co. WX. 11.30–12.30 noon.
(Most sent to BM!) The following only kept!

Tryphon elongator (first seen this season!) 1♀ (?)
Hemiteles [illegible] 1♂
Rhogas [illegible] ? 1 [illegible] ♀.
Opius [illegible] ? 1♀.
O. [illegible] 1♂.
O. sp.? (cf. [illegible]) 1♀, 29-seg. ant.
Phaenocarpa [illegible] 1♀
Alloea contracta 1♀
Trachyusa aurora 1♂, ♀
Aspilota sp. [illegible] 1♂
A. [illegible] 1♀

18.7.37 cont. W. of Castlebridge, Co. WX cont.
Dacnusa [illegible] 1♂. D. [illegible] 1♂.
D. [illegible] 1♂, 1♀. D. [illegible] 1♂, ♀
D. [illegible] 1♂, D. areolaris 1♀. D. longiradialis 2♂♀
D. maculipes 1♀

Aphidius [illegible] 1♀. [illegible] 1♀
Torymus [illegible] 1♂.
Praon [illegible] 2♂♂, 1♀.
Proctos 2.

Chalcids 1♀, with long tail.

18.7.37 evening. 7.0 – 7.20 P.M. [illegible] before heavy rain!
Ditches & sides of canal — "North Slob" near Curracloe House, Co. WX.
Hemiteles 1♂
Cryptopimpla [illegible] 1♀
[illegible] [illegible] 1♂
Bracon "[illegible]" 1♀, very large, 29 seg. antennae, [illegible]
Procto. 1

Small beetle.

19th Jul, 1937. A very fine sunny day, but S wind rather strong & when sun obscured by clouds rather chilly. Spent morning in dunes N. of road to Strand Hotel Curracloe; in afternoon drove to Carnsore Point & did some sweeping in lane leading to coast about 1 mile N of the point & in which Bupleurum lanceolatum grows (See note by A.W.S. in I. Nat. 1920 or 1923 ?) & along sheltered bit of coast between Hotel & the point. South coast west of the point too wind-swept & produced nothing. Tried seaweed in several places, over which [illegible] found by George, many Platyrrhinchus dilatatus & little Cryptid ( ) but no other Braconids seen.

Sandhills, N. of Strand Hotel road, Curracloe, Co. WX. 11 till 1.20 A.M.
Bombus lucorum 1♀ seen
Megachile maritima not abundant: 1♂ kept
Osmia aurulenta 1 worn ♀, caught in spider web, the Colletes picistigma, no doubt after C. montanus also.
Hylaeus minutus ♂ & ♀.

Pompilus pectinipes 1♀, very fresh.

19.7.37 cont. Curracloe, WX, cont.
Pompilus gibbus & plumbeus & 1♀ P. pectinipes (see p.20).
Sphex lutarius ♀♀ seen in several places. ♀♀ 2 1♀ kept.
Tachysphex pectinipes

Chelogynus 1♀ & complex Chalcid (sent to B.M.) very similar in appearance. The latter has curious wing-like, upright, projection at base of abdomen.
Most others sent to B.M. The following only kept: -
Hemiteles 1♂, with rugose-sculptured abd. like a Pimpla. =

Bracon variator 1♀.
B. anthracinus ? 1♀.
B. sp (~~longicaudis~~ Thom. ??) 1♀ near last, with long palps, shorter tarsi, clear wings.
Coelinius viduus 1♂ & 1♀ taken on same sward.

Aphidius ulmi ?? 1♂, 2♀. don't agree with Marshall's description in colour, but agree fairly well.
Chalcid (see above)

19.7.37 afternoon. Carnsore Point, Co. WX.
All taken by sweeping in [illegible] along coast up for 1 mile N of the point; except those marked in sea-weed.

Bombus lucorum, 1♂, some ♀♀ seen. B. agrorum ♀♀

Too late in day & too windy, so no other aculeates seen.

The following nos. kept: 25 (labelled 19.9.38. A.W.S.)

[illegible] pygmaeum ? 1♂, 1♀, on same card
[illegible] ? 1♀
Cryptinae (2) =
[illegible] ♀ = cf. [illegible]
1♀, [illegible] thick, [illegible] species, [illegible] very flat [illegible]
these, almost like [illegible] = [illegible]

Hemiteles? elegans 1♀
— [illegible] 1♀.

19.7.37 aft. cont. Carnsore Point, WX, cont.

Bracon [illegible] 1♂
" [illegible] ? 1♀
[illegible] ? 1♂
[illegible] 1♂
[illegible] Thoms. 1 (♂?).
Therefore the species is not [illegible] MANS.
Opius [illegible] 1♀.
[illegible] 1♂.
[illegible] taken [illegible] under sea-weed
[illegible] ? 1♂.
D. [illegible] group 1♀ [illegible]
= [illegible]
Chalcid. 2 [illegible] on same card.
Also one [illegible] specimen [illegible] wings. } one of these specimens [illegible] 5 Sept. [illegible] 1938.

Platygaster [illegible] 1♂ 1♀ on same card, under sea-weed.
[illegible] other Proctos.

20th July 1937. A fine morning, turning dull & cold at noon & threatening rain for rest of day. Did not go out till 5 PM & got a lot to sort. The [illegible] & Ballinesker [illegible] a few [illegible] sweeping round small kettlehole in moraine between road & sea near "Kilmacoe" old church. In evening did an hour sweeping in fields in front of Strand Hotel & on edge of marsh 8.30 to 9.30 P.M.

Edge of "Kettle hole" in moraine near Kilmacoe old church, Ballinesker, 2 mile N of Curracloe, Co. WX. 5.0–5.30 PM.
(Only 11 kept! These labelled 20/7/37 A.W.S.)

[illegible] sp. (= [illegible] A.W.S.) 1♀.

[illegible] sp. (= [illegible] A.W.S.) 1♂.

Anteon 1♂.

[illegible] 1 small dark, reddish abd.

[illegible] 1♂, carded.

[illegible] signatus 1♀.

[illegible] 1♀.

[illegible] ? 1♂.

[illegible] =

[illegible] =

20.7.37, evening. Fields in front of Strand Hotel, Curracloe, Co. WX. 8.30–9.30 P.M.
Swept [illegible] in front garden of hotel [illegible] on the side of road at foot of hill & along edge of marsh. (Only 13 kept. These labelled 20.7.37 A.W.S.)

Anteon 1♂

[illegible] ? 2♂♂

=

[illegible] ? [illegible] & [illegible] 1♀, (all in one tube) carded [illegible]

[illegible] 1♂.

[illegible] = [illegible] 1♀, black, [illegible]

[illegible] 1♀.

[illegible] ? very small ♀

Dacnusa [illegible] 1♀.

[illegible] ? similis [illegible] 1♂

" " small [illegible] 1♀.

[illegible] 2.

21st July, 1937. A wild day with S.W. gale after heavy rain & storm at night, moderating a little in evening; but it left me a few [illegible] of rain but the wind made collecting almost impossible. Spent morning in field below hotel & afternoon in sandhills & marsh at Curracloe; in evening walked along road to Skreen through [illegible] & examined various kettle-holes, noting the former haunts [illegible], which I visited in March 1911 when snail-hunting, & where Halbert took Lasius fuliginosus in 1935: see p.47 →

21.7.37. morning & afternoon. — Only 12 kept. these labelled 21/7/38 RWS
Field below hotel, sandhills & marsh (= 1, 2 & 3)
Curracloe, Co. WX. 12 till 1.30; 3 till 6 P.M.
Bombus distinguendus 1 ♀ at 1, B. derhamellus 1 ♀ at 1.
B. muscorum 1 ♀ at 1, B. jonellus frequent at 1.
B. lucorum frequent, B. terrestris? 1 ♀ at 3.
Megachile centuncularis ♂♂ at 1: one kept ✓
Andrena denticulata ♀♀ on ragwort at 1
A. wilkella 1 worn ♀ on bramble at 1
A. [illegible] ♂♂ & ♀♀ (2nd brood) on bramble at 1.

21/7/37 cont. Curracloe, WX. cont.
Halictus rubicundus, calceatus, freygessneri 1 ♂ seen at 1
Sphecodes affinis & divisus (?) seen at 1.
Vespa rufa 1 ♀ seen at 1.
Odynerus parietinus 1 ♀ at 1; [nests of some sp. very common in district in walls, & on stone steps to our front door & coast guards' observatory in dunes.].
Pemphredon lethifer ✓ in elder in sand at 1.
Crabro chrysostomus & varius at 1
Mellinus arvensis abundant, several ♀♀ at 1 (& 2)
Pompilus rufipes seen at 2.
Salius exaltatus ♂♂ & 1 ♀ seen at 1
Tachysphex pectinipes at 2.
Oxybelus uniglumis 1 ♀ at 2.
Colletes picistigma at 2.

Pachynematus clitellatus? 2 ♀♀ ([illegible]) 1 kept ✓

Most others sent to B.M.
Ichneumon sarcitorius 1 ♂ on carrot at 3.
I. gracilicornis 1 ♂ ✓

21.7.27 cont. Curracloe, WX, cont.

[illegible] '♀, very small, [illegible].

[illegible] ♀ taken sweeping of [illegible] grass at 2 [illegible] Bay [illegible]. (cf. [illegible] taken [illegible] 20.7.27 P.M. [illegible])

[illegible] at 1 ♂ ([illegible])

[illegible] : ♂ ♀

[illegible] ♂ [illegible] ♀ [illegible]

[illegible] ♂♂ at 2, ♀♀ at 2

[illegible] ♀ [illegible] '♀'

[illegible] '♀'

[illegible] ♂♂ [illegible] at 2: two only kept

= [illegible] '♀'; [illegible] '♀'

[illegible] ? '♂♀'

[illegible] ([illegible] hall)

[illegible] = vulgaris [illegible] for 3 [illegible]

21.7.27, evening, 7 till 10 P.M.

Walked via Screen Road to "Lough-na-peaste", a deep "Kettle-hole" in the moraine 2 miles inland, alt. about 150 feet (perhaps probably not more than 80 to 100 feet!) & in very similar situation to other [illegible] kettle holes S. of Screen road near Glenbough, Co. WX.

(13 kettle-holes labelled on 6" map.)

"Lough-na-peaste", near Screen, Co. WX.

Adelmos decussatus ♂♂ ♀♀ common on stems of rushes &c., sticking up out of water on edge of lough & taken with sweeper; some were seen to rise from the water & on being picked up, [illegible] back on water immediately righted itself & flew away. Variable in size, but none highly coloured.

Gyrocampa affinis ? ♂♂ ♀♀, with [illegible].

Dacnusa [illegible] ♀♀ on roadside near [illegible].

[Dacnusa sp. ♀ from kettle hole near Glenbough (& also some others, but not kept)].

[illegible]

30

22nd July 1937. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] little [illegible] [illegible] [illegible] but in afternoon drove to Kilburn, [illegible] [illegible] [illegible] & spent an hour [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

Roadside, north, [illegible], Kilburn, [illegible].

(14 coll. ANS & 10 coll. GMS kept. these labelled 24.7.38. ANS).

Stenocera [illegible]? 1♀.

[illegible] [illegible]? 1♂ [illegible] [illegible] [illegible]

[illegible] [illegible]? 1♀, [illegible] [illegible]

[illegible]? 1♀

[illegible] [illegible]? 1♂

[illegible] [illegible] 1♂ [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]

[illegible] [illegible] 1♂

[illegible] [illegible] 1♀

[illegible] [illegible]? 1♂ [illegible] [illegible] [illegible]? 1♂

23.7.37 [illegible]. Kilburn, [illegible], [illegible].

[illegible] [illegible] [illegible] [illegible] [illegible].

[illegible] [illegible] 1 [illegible] [illegible] [illegible] [illegible] [illegible].

2 [illegible].

[illegible] 1♂.

[illegible] [illegible] [illegible] 1♂ [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

[illegible] [illegible]? 1♂

[illegible] [illegible] 2♂♂ [illegible] [illegible]? [illegible]

[illegible]. 4.

23.7.37, evening, [illegible] [illegible], [illegible], [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

1♂ & 1♀ only kept.

(Only [illegible] taken in the [illegible] kept & then labelled 24/7/38 ANS.)

[illegible]? 1♂.

Stenoscelis [illegible] [illegible]? 1♂

[illegible] [illegible]? 1♀

[illegible] 1♂.

[illegible] [illegible] 1 [illegible] & 1 [illegible] [illegible] [illegible]

[illegible] 1♀. [illegible] [illegible] [illegible] [illegible]?

23rd July 1937. A fine afternoon & evening after a terribly wet night & rain at intervals till dinner time (1.30 P.M.). Did not go out till after dinner, then walked along shore almost to Blackwater Harbour & back; collected a few insects in pools & on sand, & below the cliffs, including a ♀ Chasmodon apterus (subsequently lost out of sucker!) found by George. In evening explored the morainic country between Curracloe, Blackwater & Screen, & visited kettle-hole near Kilmacree, Ballinaslaney & Lough-na-peasta. Saw also some very coarse gravel between Blackwater & Screen & in sand pit at highest point of road took a few marine shells (=) & some fragments.

23.7.37, aft. 5 P.M., — [illegible]

Strand ½ mile S. of Blackwater Harbour, Co. Wx.

A few insects taken in pool or on sand.

Agabus? [illegible] sp. 1♂ = [illegible]

Chasmodon apterus 1♀ found by George; but subsequently lost in blowing [illegible] out of sucker.

[illegible] sp. ? 1♀: [illegible]

Pentapleura pumilio 1♀.

[illegible] sp. 1♀.

[illegible]

[only 11 kept: then labelled 27.7.1938. A.W.S.]

23.7.37, evening. "Kettle-hole" in field near old church of Kilmacree, Ballinaslaney, Co. Wx. 7.30 P.M. G.M.S. & A.W.S.

5 Chaenusa n. sp. (= C. [illegible] A.W.S.). [illegible] n. sp. Chaenusa [illegible]

2 Gyrocampa [= Coelinius] n. sp. (= G. [illegible] A.W.S.). [illegible] n. sp. Gyrocampa

Pentapleura pumilio 1♂, 1♀ (taken on same sand).

Hemiteles sp. 2♂♂ (carded), one with reddish, the other with blackish, abdomen: otherwise similar =.

[only 11 kept: then labelled 27.7.1938. A.W.S.]

23.7.37, evening cont.
Shore of Lough-na-peasta, near Screen, Co. WX.
8.30–9.15 P.M.
Taken with sweeper off rushes, Ranunculus Flammula, &c. growing in sheltered edge of lough.

[Only 7 kept: these labelled 29.9.38 A.W.S.]

Ademon decrescens common
Dacnusa affinis 10♂ 1♀ kept: all on same card
Chaenusa conjungens 2♂♂ ♀♀ kept.

24th July 1937. A very poor day with frequent showers & collecting impossible. In evening picked up a few insects on beach near Shanty Lodge, N. of Curracloe, WX. [Only 6 kept: these labelled 29.9.38 A.W.S.]

Aenilla 1♀.
Stenomacrus (? near pallipes?) 3♂♀.
Pentapleura pumila 1♀.
Chalcid 1.

25th July 1937. A fine day, & warm but dull in morning; but strong W.–NW. wind. Spent morning in dunes & sweeping edge of marsh behind dunes at Curracloe; in afternoon went, with Mr O'Brien as guide, to the wooded glen of Rain Sor, just NW. of Castle bridge, but everything in shelter still very wet, though plenty of insects out. In evening worked edges of three kettle hole near old church of Kilmacree, N. of Curracloe.

25th July 1937, morning.
Dunes & edge of marsh just N. of Curracloe
Co. WX. 10.30 till 1.0 PM
[Only 14 kept & these labelled 30.9.1938,
including two taken
by George.]

Curracloe
Co. WX. AWS
25.7.37.

[illegible] . 1

[illegible] 1♀.
[illegible] [illegible] 1♀ (reared).

[illegible] red & black ♂ 1♀.

Cryptus: red leg, black [illegible]: = [illegible].

Pimpla [illegible]. 1 nearly black ♂.

Chorinaeus ♂ with black antennae 1

[illegible] : very small reddish ♂ & 1♀.

25.7.37 AM cont. Curracloe, WX cont.
Beris [illegible] 1♀
B. [illegible]
B. [illegible]

Chloromyia formosa 1♂

Nemotelus [illegible] 1♀

Rest. 1 =

25th July 1937. afternoon; 3.0 till 5.30 PM
"Glen" of Sow River below the waterfall known as "Edenvale", just N.W. of Castlebridge, Co. Wx.
[Only 55 kept: these labelled 2.10.38. A.W.S.]

Spilomena troglodytes 1♀ swept along roadway.
[illegible] 1♂.
Hemiteles ? 1 small, red, etc.
[illegible] setiornis 1♂
Mesochorus 1 red
Plectiscus cf. exiles? 1♀
Aperileptus [illegible] 1♀.
Plectiscus 1♀.

Microplitis mediator 1♀
Meteorus filator 1♂.
Blacus ruficornis 1♂ A.W.S. 2/10/38
B. humilis ? 1♀.

Opius pendulus ? 1♀ (antennae broken)
O. [illegible] ? 1♂
O. irregularis ?? 1♀, very large, with striate base to 2nd segment

25.7.37 cont. Edenvale, Co. Wx., cont.
[illegible] 1♂
Phaenocarpa flavipes 1♀
Adelura [illegible] 5♀♀ [illegible]
Aspilota cf. grandis [illegible] 1♂ A. cf. [illegible] 1♂
A. sp. red petiole, large [illegible] 1♂, 1♀ [illegible]
A. minutissima [illegible] ? 1♀ A. sp. near [illegible] but [illegible] 1♀
A. (Synaldis) 1♂, 23 seg. antennae.
A. (S.) [illegible] ? 1♀
A. (S.) sp. ? 1♀, small, but longer antennae than last.
Dacnusa [illegible] 1♀ D. [illegible] 1♀.
D. aphidula 2♂♂. D. [illegible] 1♂ & 1 very large ♀.
D. longiradialis 1♂, ♀.
Coelinius cf. n. sp. Stelfox ? 2♂♂

Rests. 15 specimens.

25th July 1937, evening. 7.30 – 9.0 P.M.
Edge of three kettle-holes in fields near old church of Kilmacree, ^Ballinesker, N of Curracloe, Co WX. [Only 30 kept: these labelled 3-4/10/1938. A.W.S.]

Chaenusa opaca ? with one ♀ at 1st kettle hole, as before

C. conjungens 1 ♂ at 3rd kettle hole.

Gyrocampa stricta with 3 ♂♂ taken by George, two of them on leaves of Potamogeton natans & another seen out of reach of sucker.

Dacnusa petiolata-nigra 1 fine ♀ at pond no 3, with base of 2nd abd. seg. with roughly sculptured, somewhat as in D. [illegible]. Probably only apparently so!

The following were collected by George, but ? exactly where.
[illegible] floricola 1 ♀
[illegible] 1 ♀
Coelinius ([illegible]) parvicornis ? 1 ♀.
Dacnusa elegantula ? 1 ♀
D. areolaris ? 1 ♀.
D. [illegible] 1 ♀: a large brute, with 34 seg. antennae.

25.7.37. P.M. contd. Ballinesker, N of Curracloe, WX. contd.

The following were taken by myself, but exact locality not noted.
Pegomachus ? 1 ♂ =
[illegible], red ♂ =
Leptocryptus ♀
Glypta mensurator ? 1 ♀
Stenomacrus exsul ? 1 ♀
Campoplegid: no areolet, red abd., 1 ♂ = cf Meloboris (Z.) [illegible]
Cryptine 1 ♀ =

Phaeogenid 1 ♀ =

Opius [illegible] ? 1 ♂
Phaenocarpa flavipes 1 ♂
Dacnusa cyclops ? abd. on same card
Aphidius 1 ♂

Diptera =

Also a green larva taken with no tassel; at least the claws seem to be placed at end of [illegible] like the others.

26th July 1937. An extremely dull day, rather chilly but only gentle W breeze. Insects not too plentiful. Spent morning setting catch. In afternoon drove to Wexford & then N. to Killurin, where collected on roadside =1 by streamside =2 & in glen =3.
Insects from 1st & 2nd locality not kept separate.

Roadside & streamside, S. of Killurin glen, Co. WX. (as on [illegible] July).

Stenomacrus ventralis 1♀ (1st seen for some time): none kept
(Only 2 S kept. : 7 G.M.S. & 18 A.W.S. coll. : then labelled 5.10.38. A.W.S.)

Cryptid ♂, [illegible] = ? Hemiteles
Leptocryptus 1♀
[illegible] [illegible] 2♀♀ at least put where taken at 2
Lissonota clypealis ? 1♀
Promethes [illegible] 1♂
Stenomacrus minutus 1♀ (taken by George!)
Mesochorus 1♀ " "
Microleptes 2♀♀

26.7.37 cont. Killurin, Co. WX cont. (Station 1 & 2).

Meteorus ictericus ? 1♀
M. sp. ? [illegible] 1♀ (taken by G.M.S.)
Opius sp. [illegible] ? 1♀
O. [illegible] 1♀ (taken by G.M.S.)
O. irregularis ? 1♂ " "
O. [illegible] ? 1♂ " "
Aphaereta sp. 1♀, small [illegible]
Aspilota [illegible] ? 1♀ (taken by George)
Dacnusa [illegible] 1♀.
D. [illegible] 1♀ (taken by George)

[illegible] 1 ♀ ♂
Bracon [illegible] 2♀♀

Proctos 2.

26.7.37 cont.
Glen S. of Killurin, Co. Wx.

Stenomacrus vaulticola ♂♂ frequent on fern (see previous page 42), but none kept.

[Of the many insects taken only eight kept — these labelled 6.10.38! A.W.S.]

Mesoleptus cingulatus, 1 ♂.

Pericetigona?

Aperileptus

Opius cf. spretus? 1

"Panerama" 1 ♂.

Aspilota 1 ♂
do. 1 ♀

Saelio 1

27th July 1937. A fine day, but dull till the afternoon, then some sun, & slight sharp shower of rain with gusty wind from west deflected this off the sea; subsequently a beautiful evening, though by no means "hot".

Spent morning setting & did not go out.

In afternoon walked to Lough-na-paiste & collected round 3 sides of it, as well as round small kettle-hole adjoining to the N.E. On return walked through precincts of ruined roadside stone cottage ¼ mile S.E. of L. na p., & in two "sweeps" took an amazing lot of Parasitica. It may be noted that the ruins are used as shelter for various animals, cows, horses & goats.

Found Halbert's station for Lasius fuliginosus at N. end of Lough-na-paiste (See his note in I.N.J.   ) & found the workers of the ant abundant on leaves of several alders growing on edge of loughan where earth fence divides two parcels of land; but did not see any evidence of situation of nest.

On way to Lough-na-paiste took a very fresh ♀ of Colletes montanus in lane to R.C.C.: a very late date for a perfectly fresh specimen.

27.7.37 aft. cont.

Shores of Lough-na-paiste & adjoining kettle-hole to N.E. [Only 30 [illegible] taken by George & 16 by H.W.S.; [illegible] 1-5/10/20 [illegible]]

Lasius fuliginosus ☿☿ abundant in Halbert's station at N. end of L. na p., on alder leaves.

Agrion [illegible] ♂♂ & ♀♀. Very common & playing about on rushes, Ranunculus Flammula, Gipsy-wort, &c. growing in shallow edge of the loughan.

Donacia affinis ♂/♀ Several ♂♂ & ♀♀ taken by George with sweeps off plants growing in water.

(Chaenusa conjungens 1 ♂ taken by George.

Dacnusa areolaris 1 ♀, small ♂? " " "

Centistes [illegible] 1 ♂ " " "

Agathis anglica 1 ♀ " " "

Exallonyx ? 1 ♀ " " "

Mesochorus 1 ♂ taken by H. W. S.

Promethes dorsalis 1 ♀ " " "

Blacus paganus 1 ♂ " " "

Alysia manducator 1 ♀ " " "

Exallonyx 1 ♂ " " "

Platygaster ? 1 " " "

27.7.37 aft. cont.

Vicinity of ruined mud & stone cottages at head of valley leading up from near Gweedore R.C. Chapel to Lough-na-peiste, about 1/4 mile S.E. of Lough. Made two sweeps of very sparse vegetation in & around ruin & George made one sweep of same place. These efforts produced a great number of small parasites & beetles, the little jumping beetle (Orchestes alni) being very abundant. The constitution of the catch was also rather startling, as will be seen below, & the first sweep yielded a large number of [illegible] serphids, suggesting an ensemble as well as various other Proctos. Many of which sent to B.M. [Only 32 kept & these labelled 11.10.1938. A.W.S.]

Helorus [illegible]? 3 (one each sweep & 1 by George)

[illegible] bifasciata 1♀ (carded)

[illegible] [illegible] 1♀.

Mesochorus sp. 10♂, very small.

[illegible] [illegible] [illegible] 10♂, which [illegible] [illegible] taken at [illegible], Sk., 10.7.36, [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] A.W.S. 4.10.1938. A.W.S.

27.7.37 cont. – all labelled [illegible] A.W.S. Co. W.X. Ru. Cott. 27.7.37.

Ruined cottages near L. na peiste, W.X., cont.

[illegible] [illegible] ? 1♀.

[illegible] [illegible] 4♀♀ ([illegible] on 2 cards).

Pentapleura pumilio 1♂, 1♀.

[illegible] [illegible] 1♂.

Aphaereta 2♂, ([illegible] [illegible] [illegible]).

Aspilota cf. [illegible] 1♂.

A. (Synaldis) [illegible] ? 1♀

" " do do ? 1♂.

" " cf. [illegible] ? 1♀

" " [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] 1♀.

Aphidius 1♂ [illegible] sp. 1♀.

Proctos: 8

Chalcids 4

50

28th July 1937. A very fine day, almost all sunny, with cool on-shore breeze. Did not go out till afternoon, but then drove to Ballyteige Burrow on south coast, West of Kilmore Quay. Drove from [illegible] through fields & crossed estuary by the "Bank of the Bull" & walked down from that to sea & for a mile to the west. 3.30 till 8.0 P.M.

Ballyteige Burrow, Co. WX.

Bombus lucorum, agrorum, on [illegible], & muscorum.
Megachile maritima ♀♀ seen, & one "watching" [illegible] from hole of [illegible] [illegible] in [illegible] in dunes.
Colletes picistigma common.
Astata stigma frequent.
Pompilus plumbeus & pilosus seen.
Cerceris arenaria seen.
[illegible] [illegible] seen.

Only 42 kept, 7 taken by George & 35 taken by AWS. Now labelled 12.12.1937. AWS

51.

28.7.37 cont. Ballyteige, WX., cont.
Lasius flavus nests on bank of the Bull.
F. [illegible] — there.
Myrmica scabrinodis frequent in dunes: ♂♂, ♀♀, ☿☿.
Tetramorium caespitum only seen here & there & mostly "in bed" apparently.
[illegible] [illegible] 1♀ (sent to B.M.)
Andrena 1♂.
[illegible] 1♂♂, 1♀♀ [illegible]
Bracon [illegible] 2♂♂.
[illegible] black sp. (1 to B.M.)
[illegible] common, ♂♂ all black, ♀♀ red-legged.
Others: 2♂♂, 1♀, taken by George, kept: 2♂♂, 1♀ taken [illegible] AWS.
Oxybelus [illegible] ♀♀ taken by George. 1 by AWS.
Meteorus [illegible] 1♂. M. cinctellus? 1♀.
Opius DWS 12/3/1935: a few ♀♀ on sandy edges of dunes at high tide where [illegible] [illegible] running on edge of sand flat. There were 2 or 3 [illegible] of [illegible] [illegible] [illegible]
Opius of pygmaeus? 2♂♂.
Dacnusa [illegible]? ✓ AWS 12.1938. 1♀ swept by George in dunes on edge of sand flat at S. end of the bank of the Bull.
[illegible] [illegible] frequent: 1♂ & 1♀ kept (with [illegible]).

28.7.37 cont. Ballyteige Burrow, WX., cont.
[illegible] very [illegible] 1♀, very dark var.
[illegible] 1♀, very [illegible]
[illegible] [illegible] 1♂ [illegible]

Chalcids: 1 wingless, apparently of [illegible] by George
1 small kind of [illegible] by George.

[illegible]. 2.

29th July 1937. A blazing sunny day with scarce a cloud but cool north breeze. Not a day for small insects & few out till late aft.
Spent 1½ hours in dunes & edge of marsh at Curracloe in morning, visited Boo Lough & adjoining kettle holes in aft. & in evening visited small kettle hole near old church of Kilmacoe, Ballinesker, & site of ruined cottage near Lough [illegible], where Helicella taken on 27th.

29.7.37 morning.
Dunes & edge of marsh, N of road to sea, Curracloe, Co. WX. Noon till 1.30 p.m.
[Only [illegible] [illegible] then labelled 14/10/38 [illegible]]

Ichneumon [illegible] very [illegible] on wild carrot flowers
Colpognathus celerator 1♂. C. divisus 3♀♀.
Oronotus binotatus 1♂.
Cryptus viduatorius 2, 1 small, 1 large, ♀♀.
Exetastes fornicator 1 magnificent ♀ on wild carrot.
[illegible] [illegible] 1 very large ♂, with 5, very [illegible] antennae

Diptera. Two specimens of a curious little fly taken in the marsh by sweeping (on path across reed bed?) which at first was mistaken for Hymenoptera owing to the long legs & antennae. The tarsi are furnished [with] large long hook-like claws.

Pompilus pectinipes 1♀.
P. rufipes 1♂.

29.7.37 aft. 3.0 till 5.30 PM. ([illegible] fuliginosum [illegible] very [illegible] AWS)
Doo Lough & adjoining kettle holes in moraine, 2 miles NW of village of Curracloe, Co. WX. [46 insects kept & then labelled 13/10/38 AWS.

[At labelling time with the lot was a ♀ Colletes [illegible]; [illegible] I do not believe I took this inland & so have labelled it merely "Curracloe" & not "Doo L., Curracloe" AWS 13/10/38]

Lasius fuliginosus ☿♀ common on alder, &c., growing round small, dirty, marshy, kettle hole behind cottage a little W. in NW.(?) of Doo Lough: an equally queer habitat for this species to that discovered by Halbert at Lough-na-peasta [illegible]. Very small specimens frequent, with [illegible].

Dolerus palustris swept on marshy edge, E. of L. Doo. (? a 2nd brood)

[illegible] globata 1♂.

[illegible] 1♂ Gratocryptus [illegible]

[illegible] 1♂. [illegible]

[illegible] signata [illegible]

[illegible] very [illegible] 18 [illegible] [illegible] Stenamma [illegible] AWS 13/10/38.

Bracon [illegible] 2♂♂ 3♀♀ [illegible] B. [illegible] 1♀

Microgaster globata 1♀. [illegible] 1♂ 1♀.

[illegible] 2♀♀ [illegible]

[illegible]? ([illegible]) 1 smaller, [illegible] red petiole & base of abdomen, [illegible] I think = Type of [illegible] AWS 16.10.1938.

29.7.37 evening 7.30 – 8.0 PM.
Kettle-hole (No. ?) in field near old church of [illegible], [illegible], Co. WX.

[illegible] 1♀ Amblyteles [illegible] 2♂♂
Amblyteles [illegible] 2♀♀ [illegible] AWS & JMS
[illegible] 1♂

Pegomyia [illegible] 1♀. (no labelled 13/10/38 AWS)
Nomada ? 1♂.

29.7.37 evening cont. 8.30 till 9.0 PM.
Site of ruined cottage, S.E. of Lough-na-peasta, Curracloe, Co. WX. as on 27th. (all, 41 kept: p.t.o →)

Helorus [illegible]: no less than 12 swept in front scrub of old grass covered "front yard" of cottage & from moss in same place a few minutes later. Subsequently several watched apparently asleep on apex of blades of grass & reed leaves, & another swept in boggy field turning down valley leading to Curracloe RC Chapel beside small "duck pond" (= kettle hole

29.7.37 evening, cont.
Site of ruined cottage, [illegible] park,
cont. [47 kept, mistaken by George, 32 by A.W.S. & then labelled 17-18.10.1938 AWS]

[illegible] 1♂

Sawfly ♀ = ... Leptopyga [illegible] 1♂

Macrocera [illegible] 1♂ taken by George.

Meteorus [illegible], ? [illegible]

Phaenocarpa [illegible] = 1 dark ♀? taken by George. B. [illegible] 1♂ taken by George. B. [illegible] 1♂ [illegible] George

Opius [illegible] ♀ taken by George. O. [illegible] 1♀. O. cf. spinulator 1♂.

Phaenocarpa [illegible] 1 small ♂ (George) 1 larger ♂. P. flavipes 1♂.

Prosapha [illegible] 2♂♂ (1 taken by George!). Aphaereta major? 1♀ (George)

Orthostigma [illegible] 1♀ (George). [illegible] also [illegible] 1♂

Asphalta [illegible] head 1♂   A. (Synaldis) large head 1♀, [illegible]

A. sp. [illegible] 3♂♂, 2♀♀ ([illegible])

A. [illegible] ? 1♂, 1♀   A. (Synaldis) [illegible] 1♂

Dacnusa elegantula 1♀
D. [illegible] 1♀

Proctos. 3

30th July 1937. Another perfect day, hotter & more sunny & less breeze (S.W.) than on 29th. No clouds after a misty morning.
Left Curracloe & drove home to Dublin via Enniscorthy & Arklow: stopped for lunch under trees at St Edans, 1/2 mile E of Ferns, Co. WX, & did some sweeping. Then drove straight home, arriving about 4 P.M.

St. Edans, 1/2 mile E. of Ferns, Co. WX.
12.30 - 1.30 P.M.

All insects taken by sweeping & all in shade, either in plantation belt along main road or under clump of trees in "park", except a few swept between clump & road & in full sun. Insects very abundant under clump, scarcer near road.

Bombus lucorum numerous ♂♂ seen running around.

B. agrorum ♀☿ seen.   [Only 32 kept & these labelled 22/10/38 AWS]

Vespa sp. (? vulgaris) seen.

Sawfly = Pachynematus obductus ♀.

30.7.37 cont. Fenn, WX., cont.
Hemiteles sp. [illegible] 3♂♂
[illegible] 2 =

Stenomacrus sp. [illegible] 1♂
[illegible] 1 =

Perilitus 1♂
Mesochorus [illegible] 1♂, 1♀
M. [illegible] 1♀
Opius [illegible] ? 1♀
O. [illegible] ? 1♂
[illegible] contracta 3 [illegible]
Pentapleura pumilio 1♂
Phaenocarpa [illegible] 1♀
Dacnusa (Gyrocampa) discolor 1♂ & 1♀
D. [illegible] mihi 1♀
D. [illegible] ? 1♀
D. [illegible] 2♂♂
Proctos 5 =

30.7.37. cont Fenn, WX., cont.

7 Aspilota ruficeps n. sp. mihi. 1♀. A sturdy black species, with crimson head [illegible] and [illegible] the eyes, red mandibles & cheeks [illegible] also glowing red, legs reddish. Could possibly be A. dilatata Thoms.

6 sp [illegible] 5 ? 1♂

60

Approximate list of Aculeata seen or taken during fortnight at [illegible] & district: 15-30 July 1937.
Hylaeus [illegible] Dunes at [illegible].
Colletes [illegible], [illegible] [illegible] ? [illegible]

Andrena [illegible], [illegible], denticulata, [illegible]

Halictus rubicundus, calceatus, [illegible], tumulorum, villosulus, nitidiusculus. NB. not a [illegible] seen! Very odd!!
Sphecodes affinis, hyalinatus? & divisus? (not examined.)
Nomada: none seen.
Megachile maritima, [illegible].
Osmia aurulenta 1♀ at [illegible]
Bombus lucorum, hortorum, distinguendus, jonellus, [illegible], muscorum, derhamellus?, lapidarius.
[no B. terrestris seen!]
Psithyrus distinctus, barbutellus.
Sphex lutarius
Pemphredon lethifer, [illegible]? [illegible]
Spilomena [illegible] 1♀ [illegible] in [illegible]
Crabro [illegible], varius, [illegible].
Trypoxylon [illegible]
Mellinus arvensis

61.

Tachysphex pectinipes
[illegible] [illegible] at [illegible] [illegible]
Pompilus (Pompilus) rufipes, gibbus, pectinipes etc. plumbeus, & [illegible] & [illegible] on [illegible]
Salius exaltatus
Ceropales maculata.
Vespa sylvestris, vulgaris, rufa, but only once seen each.
Odynerus sp. many nests seen; but only one specimen of this was a ♀ parietinus.
Chrysis ignita
[illegible] ? off at [illegible] in dunes.
[illegible] ? several [illegible], ♀.

Myrmica scabrinodis only seen.
Tetramorium caespitum only at [illegible] [illegible]
Lasius fuliginosus at [illegible] & near same only; flavus on bank of the [illegible] only; niger abundant.
Formica fusca only seen near [illegible] on [illegible] 25th.

List of Braconids taken at Carnarvon & district, N.W.A.
15th–30th Jan, 1927 (approximate!)

List of more common Ichneumonids seen & taken at Currabubla's district, 18th - 30th Jy 1927.

END OF Wexford Trip July 1937.

68

1st August 1937 (Sunday).
The fourth perfect day in succession, very warm & no clouds, hazy & gentle E. breeze.
Drove in afternoon to Kippure Lodge, Upper Liffey Valley, Co. Wl., alt. 900 to 1,000 feet, & collected in birch scrub, &c., along tributary stream, below road. Came home by "Military Road" via Kilbride camp & Ballyfolan & stopped to collect for a few minutes where road crosses Shankill River at ca. 1,050 ft. alt., where river flows into a nice little gorge on way across moor to [illegible] Glen.

Birch scrub, &c., by tributary stream just below Kippure Lodge, Upper Liffey, Co. Wl.
Alt. 900-1000 ft. 4 till 7.30 PM. [♂ labelled 10-13/11/38 A.W.S.]

Nomada flavoguttata 1♀ [All A.W.S. under [illegible] G.M.S. [illegible]]
Andrena sp. 2♂♂ = [illegible] [illegible] & [illegible] (Bohem.) fide O.W. Richards 1938
[illegible] = [illegible] 1 ♂
[illegible] 1 small ♂, [illegible]
[illegible] 2♂♂, 1♀ ([illegible])
[illegible] 1♀ [illegible]

= [illegible]

69

1.8.37 cont. Kippure Lodge, [illegible], Wl., cont.
[illegible] 1♀, [illegible]
[illegible] 1♂ [illegible]
[illegible] 1♂
Ophion 1♂. Cryptus [illegible] 1♂ ([illegible])
[illegible] 1♀.
Campoplex [illegible] = [illegible] 1♀, 1♂ [illegible] 1♀
[illegible] 1♀ [illegible] 1♂
[illegible]
[illegible]
[illegible] 1♀ G.M.S. [illegible] 1♀ G.M.S.
[illegible] 1♂ [illegible] 1♂ G.M.S.
[illegible] 1♂, on small birch bush about 150 yards below road & 20 yards from right bank of stream.

O[illegible] 1♂.
O. [illegible]
O. [illegible] 1

[illegible] 1♂.

[illegible] 1♂ G.M.S.

1.8.37 cont. Kippure Lodge, Wi., cont.

Aspilota 7 + [illegible] taken by George. = A. [illegible] [illegible] 1♂ 1♀.

A. sp. [illegible] 2♂♂ GMS A. sp. [illegible] 2♂♂ A. [illegible] 2♂♂
(~~GMS~~)

A. sp. nr. [illegible] ? 2♂♂, small, dark, [illegible] legs, [illegible] ant. (1 GMS).

A. (Synaldis) [illegible] 1♂ (GMS) ; A. [illegible] 1♀

Dacnusa 5 + 2 taken by George = D. [illegible] 2♂♂ GMS.

D. [illegible] 1♂ ♀

D. [illegible] 1♂. D. [illegible] 1♂

Praon [illegible] ? 1♂ 1♀. Monoctonus [illegible] 1♂♀ GMS.

Aphidius 1 [illegible] taken by George.

Proctos. 13 + 5 taken by GMS.

1.8.37 cont. Late evening.

Boggy ground by Shankill River between Kilbride camp & Ballyfolan, Co. Wi.

Alt. ca. 1050 ft. 8 P.M.

Labelled | Shankill
[illegible]
Co. Wi. A.W.S.
1.8.37 P.M.

[illegible] [illegible] 1♂

[illegible] [illegible] ? 1♀

[illegible] [illegible] ? 1♀

(10 [illegible] kept & then labelled 14/11/38. A.W.S.)

[illegible] [illegible] ? 1♂

Aspilota 1

[illegible] 1♂

Opius pygmaeator ? 1♂.

Aspilota [illegible] ? 1♀.

Dacnusa [illegible] 1♂.

D. [illegible] 1 small ♂.

4th August 1937. Dull & the first rain for a week: struggle to keep [illegible] most of the afternoon over the place, which made collecting almost impossible.

Bryanstown House, S. of Maynooth, Co. Kild.
(The Misses Fowler!) 3.0 till 4.30 P.M.

Vespa vulgaris & nest of V. sylvestris (?) expected — [illegible]

(53 kept & then labelled 15-16/11/38 ANS)

Hemiteles (areator group) 1♂, 1♀.

Pezomachus-like brachypterous cryptid swept — [illegible] at end of field = Cremnodes atricapillus ♀.

Pimpla [illegible] 1♀ swept off [illegible] trees.
Lissonota [illegible] ♀: not kept.
Promethes pulchellus 1♀
Stenomacrus? [illegible] little, [illegible] ♀, & long tarsi.
Picrostigeus recticauda 1♀

4.8.37 cont. Bryanstown Ho., Kild. cont.

Mesochorus 1 1♀.

Bracon [illegible] several ♀♀ (2 kept), 2♀ [illegible] ANS 16/11/38!
Colastes braconius 1♀
Rhyssalus indagator 1♀.
Rogas [illegible] 1♀.
Apanteles [illegible] 2♀♀ (sent to USA)
Perilitus [illegible] ♂ ([illegible])
Meteorus ictericus 1♂, 1♀.

Blacus [illegible] 1♂
Sp. not gen.? 1♀, long tarsi, wings like Leiophron
= Eubadizon flavipes Hal. ANS 16/11/38!
Aphidius [illegible] 2 1♂, all not identified [illegible]

Phaenocarpa conspurcator? 2 ♀♀. Ph. picinervis [illegible]

Aphaereta major 1 fine ♀
Aph. " 1 smaller ♀

74

4.8.37 cont. Bryanstown Ho., K.D., cont.

Proctos. -

[illegible] →

7th Aug 1937. A fine sunny day, after hot spell & tropic shower at 6-7 P.M. on previous evening.
Window in my room in Natural Museum, facing Leinster Lawn, Dublin. 1 P.M.
Dacnusa fenestrella (♀) n. sp.
Type. A.W.S. 7.8.1937.
A very distinct species, but possibly near my new species D. Lenetica from Glenasmole, Dub., 25.5.37, J.P.

75

74 A.

4.8.37 cont. Brownstown Ho., Kd. cont.

Aphilota [illegible] ? 1 ♂ 1 ♀ small, 1 large ♀
A. [illegible] ? 1 ♂. A. sp. 4 [illegible] ? 1 ♂ 2 ♀. A. sp. & bd. 5 [illegible]
A. [illegible] ? 2 ♂♂, 1 ♀ A. sp. ? large [illegible] 1 ♀.
16 mg. [illegible]
A. (Spinulosa) [illegible] ? 1 large ♂, 1 small ♀
Bombus [illegible] [illegible]. B. [illegible] 1 ♂
B. [illegible] 1 ♂ B. jonellus ? 1 small ♀
B. ~~[illegible]~~ 1 ♂ [not seen his labelling AWS.]
B. [illegible] 2 ♀♂
B. latreillelus 1 fine ♀ on thistle on roadside about
2 miles E of Brownstown; [illegible] 30.10.38.
B. [illegible] 1 ♀ [illegible] 30.10.38.

Psen [illegible] 1 fine ♀

Ophion sp. 1 small ♀, 15 mg. [illegible]
Psilidae. — about 10.

Ichneumons ?

75 A.

5th August 1937. A fine hot day with much sun & little (if any) wind.
Drove to Coan, Glen of Imaal, Co. Wi.
Walked over Camara Hill & up North Prison to
inlet of tarn & "Parsley Fern" growing — rock
slope just above same, 2,200 to 2,300 ft alt.
Collected by sweeping from about 2000 ft up [illegible]
& made special collection at 2,200, around the
tarn; also collected for [illegible] in plantation
just above the Coan. Stormy [illegible] after tea.
Heavy rain that night commencing at midnight!

West slope of Lugnaquillia, from Camara Hill
up the "North Prison" to the inlet of the tarn (above
the last moraine!) at about 2,200 feet; Co. Wi.
12 noon till 2.0 P.M. George also collecting. All
insects taken by sweeping.

[35 Hept. & then labelled | Lug. 1-2000 Co. Wi. AWS on SMS 5.8.37 | 26 SMS. 9 A.W.S.]

Amblyteles 1 black & yellow ♂ [illegible] similar to [illegible], named
A. longigena Th. by St. [illegible], from [illegible] Co. [illegible]

Phaeogenes ? 1 ♂ black, red legs.

[illegible] Camara Hill, [illegible] AWS 1938

76.

8. 8. 37 cont. West slope of Ling., C. W1 cont.

Aphidids ? small black sp., [illegible] the Stevens?

[illegible] of [illegible] 1 small ♂, see [illegible]

Polynotypini. Lachnolaemus ? 1 ♀ : [illegible] with description.

Stenomacrus ? pelutio ?? 1 ♂.

Sp. 2 (Put with Hemiteles! A.W.S. 15/11/38) ♂ [illegible], but [illegible], [illegible] ♂

Camptoplegini. 1 small ♀, short [illegible], of Enclisis.
= Enclisis didymator Thunb. (= rufipes Grav.) ♀ A.W.S. 15/11/1938

Mesochorus. 1 ♀.

Thersilochini 1 ♀, short, thick antennae, [illegible].

77.

8. 8. 37 cont. West slope of Ling, cont.

Opius caesus ? 1 ♀.
Pentaplexia pumilio. Very abundant, chiefly ♀ [illegible].
Microcryptus [illegible]. 1 ♂, small ♀.
Dacnusa [illegible] 1 ♀, with long ovipositor distinctly [illegible].
Campoplex ? of [illegible] ? 1 ♀.
C. radialis ? 1 ♂, 1 small ? 1 ♀.

Phaenocarpa caesia 3 ♂♂, 1 ♀ (S.N.S.); also ? one ♀ [illegible].
Praon abjectum ? with broad stigma, ♀ with very broad [illegible] petiole, 3 ♂♂ 1 ♀ (S.N.S.)

Aphidius pascuorum ? 1 ♀, several ♂♂ : seem to fit this species better than anything else.
Pirolus. 5.-[illegible] that sp = taken
by George [illegible] [illegible] in [illegible] [illegible] [illegible] [illegible].

8.8.37 cont. On & around stream flowing through site of tarn at 2,200 ft., North Prison, Lug., C. Wl.
2.30 PM – 4.30 PM ~~[illegible]~~ A.W.S.
[41 (all taken by A.W.S.) kept & then labelled 24.11.38! A.W.S.]

Hemiteles small black sp. with [illegible] marks 2♂♂
=
H. [illegible] ♀

Mesoleius? 2♂♂

Labelled
Lug. & 2,000
C. Wl. A.W.S.
8.8.37.

Promethes pulchellus 1♀.
P. dorsalis 1♀
Homotropus gracilentus ← that's [illegible] 1♂! spec. very odd! AWS 24/4/38.
H. signatus 1♀.

[illegible] nigripes 1♀.

Bracon anthracinus 1♀.
B. [illegible]? 1♀.
Gnaptodon pumilio? 2♂♂

8.8.37. North Prison, Lug., C. Wl. cont.
Diospilus [illegible] 1♀
Blacus 2♂♂.
[illegible] 1 very black, small,
Opius [illegible] 1 O. [illegible] 1
[illegible] 2♂♂.
Pentapleura pumilio 1♀.
Aphaereta ? 1 very small ♀, ca. 2/3 of size, [illegible].

Alysia atra 2♀♀, swept off Eriophorum at edge of tarn.
Phaenocarpa conspurcator 1♀.
Aspilota concinna? 1♀ very small.
Dacnusa maculipes 1♂ & 1 very small ♀, ca. 1/2 [illegible] length.
D. areolaris 1♂ 1♀.
Ametria uliginosa 2♂♂.
Toxares deltiger.
Aphidius 4 ([illegible])

Proctos 4

8.8.37 evening. Roadside, plantation &c, above road from Coan to R. Slaney & Stranahely, Glen of Imaal, Co. Wi. 7.0 to 7.30 PM. Alt 800 to 900 feet

Ichneumon cf. ~~[illegible]~~ ? 1♀

4♀ [illegible] of these labelled 28·29/[illegible]/28 [illegible]

Phaeogenes ? 1♂, [illegible] [illegible].

Hemiteles 1 small ♀, cf. Stenocranus [illegible]

H. sp. 1♂

[illegible] marginata ? 1♀.

Polyblastus 1♂

Mesoleius sp. ?   Homocidus cinctus 1♂

Trichestema pallidipes ? 1

Stenomacrus laricis Hal. ? 2♀♀.

S. [illegible] ? 1 very small ♀ of [illegible] group.

Megastylus cruentator 2♂♂

Helictes 1♂

Agrypon ? 1♂

Pezomachus [illegible] 1

Bracon obscurator 1♀

Rhogas [illegible] ? 1 small ♂

Heterogamus dispar 1♂

8.8.37 evening cont. Coan, Co. Wi. cont.

Diospilus capito 1♂

Opius [illegible] 1♂   O. pygmaeator ? 1♂.

Phaenocarpa conspurcator 2♀♀

[illegible] sp. = [illegible] ? 1♂, 1♀

C. [illegible] ? 1♀.   C. sp. [illegible] 5 ? 1♂, 1♀.

C. sp. 4 abd. 3 ? 1♂.   C. [illegible] 1♂ & ? small ♂

C. [illegible] ? 1 fine ♀, 2♂♂ [illegible].

[illegible] aphidis 1♂ 1♀, var. with very pale legs!   B. [illegible] 1♂

[illegible] [illegible] 1♂.   B[illegible] floricola ? var. 1♂, very black

Proctos. 10 =

9th August 1937 Garden, [illegible] Grove, [illegible].

Ichneumon [illegible] ? 1♀ [illegible],

1 Chalcid [illegible] in [illegible] part.

12th August 1937. Very hot, but heavy shower at 2.30 did not improve collecting, already spoilt by thunder & very heavy rain on the previous afternoon & evening!

Drove to Lyons House & collected along roadside on Kildare side of road leading to Grand Canal & on Dublin side at Skeagh House in angle of road & canal.

Ditch & plantation belt by Grand Canal, Skeagh House, Co. Dublin. 3.0 till 4 ☉ P.M.
[19 kept & these labelled '12.8.37' ANS]

[illegible] sp. seen at logs on canal bank [illegible]

[illegible] ? sp. ? 1♂
[illegible] caliginosa 1♀ on log at base of [illegible].

Limnophila punctata ? 1♀.

[illegible] 1♂, yellow scutellum)

[illegible] 1♂, 1♀ =

12.8.37 contd. Skeagh Ho., Co. Dub., contd.

[illegible] [illegible] 1♀.
[illegible] [illegible] 1♀
C. [illegible] 1♀

Dolichopus [illegible] 1♂ & [illegible] ♀ [illegible]
D. [illegible] 1 small ♀.
D. [illegible] 1♀, [illegible]
D. [illegible] 1♂
S. [illegible] 1♀. [illegible] the type locality!
S. [illegible] 1 pair ♂

[illegible] 3.

84

14.8.37 off. cont.

Roadside on Co. Kildare side of KD-DU boundary, N. of Lyons House, Co. KD. 4 o'clk to 4.20 P.M.

Phygadeuon sp. 1, small brachypterous ♀.
Hemiteles sp. 1 ♀. [illegible]

[10 only kept [illegible] labelled 21/12/[illegible] A.W.S.]

[illegible] [illegible] 1 ♂.
[illegible] [illegible] 1 ♂
Opius [illegible] 1 ♂ 1 ♀

Aspilota radialis 1 ♂
A. sp. 1 ♀, cf. [illegible]

[illegible] elegantula 1 ♂

Exallonyx [illegible] [illegible]

85

15th August 1937. Much cooler after thunder & very heavy rain on 13th & a cool windy day on 14th. Fine sunny morning with cool W. breeze & much very hot sun. Few insects out & collecting very disappointing: then showers from 12.30 onwards, becoming more frequent & ending collecting during early afternoon.

Drove to Emo Park & collected for ½ hour before heavy shower in sandpit & lane to bog N. of Emo Park lake, then on to back entrance to Woodbrook House, at Mountmellick branch of canal, 3 miles S. of Portarlington & collected in swamp & along boundary ditch of estate & in gravel pit E. of same, where recent excavation has almost completely destroyed all the great bee colonies. All in Queen's Co.

Aculeates not looked for but the following are worth noting:—

Nomada argentata 1 ♀ at small bank not recently disturbed in sandpit N.E. of Woodbrook House, QC.

Spilomena troglodytes 1 ♀ swept at Woodbrook Ho. in marshy spot where much Ranunculus flammula grows & in flower, a connection between flower & wasp already noted at Glengarriff (1935) & Edenvale, WX, 1937.

86.

15.5.37 cont. Emo Park district, QC. cont.
Vespa sylvestris, 1 ♂ seen on Angelica: 1st ♂ wasp seen 1937.

Collected, mainly by sweeping, in sheltered parts of old sand pit (A.W.S.) & in lane leading past same to bog (G.M.S.), N. of Emo Park, QC. 11.45 till 12.30 or near 1.0 P.M.

Selandria serva a ♀: very late date for this sp.
Oronotus binotatus 1 ♀.
Cryptus [illegible] 1 ♂

[49 kept, 24 taken by G.M.S. & labelled [illegible] by A.W.S. 1938 [illegible] "Emo 4.5.37 G.M.S." & "N. Emo Park A.W.S." respectively]

Pimpla [illegible] 1 ♀
[illegible] 1 ♂. Glypta sp.? 1 ♂, [illegible]
Exyston [illegible] Hal.? 1
[illegible] 1 ♂.
Mesoleius: 4 (G.M.S.) =

Exochus [illegible]?, large (♂?). E. [illegible]?, small ♀ (??)
[illegible] 1 ♀.

Bracon [illegible] 1 ♀, [illegible]
B. [illegible]? 1 ♂, 1 ♀.
[illegible] 1 ♂.

87.

15.5.37 cont. Sand pit & lane, N. of Emo Park, QC. cont.
Apanteles [illegible] 1 ♂. [illegible] 1 ♀
[illegible] abdominator 1 ♀.
[illegible] 1 ♀ (G.M.S.). [illegible] 1 ♂
Opius: 2 G.M.S. = O. [illegible] 1 ♂, 1 ♀. [illegible] ? 1 ♀.
O. [illegible] 1 ♀. O. [illegible] 1 ♀. [illegible]
[illegible] 1 ♂ (G.M.S.).
[illegible] 2 ♂ 1 ♀ (G.M.S.)
Aspilota 5 G.M.S. = A. [illegible] 3 ♂♂
A. [illegible] ? 1 ♀. A. [illegible] ; 1 ♀.
A. [illegible] ? 1 ♀.
Dacnusa [illegible] 2 ♂♂ (G.M.S & A.W.S.). D. [illegible] (G.M.S.)
D. sp.? 1 ♀, [illegible] 30 seg. ant.
[illegible] 2 ♂♂ (G.M.S.)
[illegible] 1 ♀, small, dark, 18 seg. ant.

[illegible] 2 (G.M.S. & A.W.S.).

[illegible] 1 (G.M.S.)

15.8.37 cont. Scrub, drains & sandpit, N. of Woodbrook House, Q.C. (between Portarlington & Emo Park & just E. of Mountmellick Canal). 1.30 till 3.30, then storm made further collecting impossible. A.W.S. & G.M.S.

Nomada argentata 1♀ } See note on p. 85 ante!
Spilomena troglodytes 1♀ }

Exochus? 1♂ [45 kept (17 G.M.S., 28 A.W.S.) & those labelled "Wbk, Emo G.M.S." and "N. of Emo Park A.W.S." respectively! G.M.S. 9.10.ii.1938. or Woodbrook Q.C.]
Pezomachus 1♂
Picrostigeus [illegible]? 1♀.
Stenomacrus of [illegible] 1♂, [illegible], yellow face, [illegible]
[illegible] 2♂♂.
[illegible] 2♂♂
Exyston pleurator Hal. 1♂, red [illegible].
Polyblastus pyramidatus? 1♀ [illegible] [illegible].

—

[illegible] of [illegible]? 1♀ (G.M.S.)
M. [illegible]? 1♂ (G.M.S.)

[illegible] of [illegible]? 1 (G.M.S.).

15.8.37 cont. near Woodbrook Ho., Q.C. cont.
Opius [illegible], small 1♂ (G.M.S.)
O. sp. ? 1 (G.M.S.): [illegible]
[illegible] [illegible] 1
Pentapleura angustula 1♂
Adelura florimela 1♂
Aspilota sp. 4 ? 1♀
A. sp. 4 (G.M.S.) = A. sp. ? [illegible], [illegible], [illegible]
A. [illegible] ? 1♀, also 1♂ [illegible]
A. ([illegible]) [illegible] ? 1♀.
Dacnusa [illegible] 1♂   D. [illegible] 1♂
D. affinis 1♂ (G.M.S.) & 1♀. D. [illegible] 1♂ ([illegible]).
D. [illegible] 1♂ (G.M.S.). D. [illegible]? 1♀ [illegible].
[illegible] ♀ fide [illegible] D. [illegible] ♂ fide [illegible] 1938
D. [illegible] [illegible]. [illegible] of [illegible]?
[illegible] 1♂. Chaenusa conjungens 1♂
Trioxys sp. ? 1♀ [illegible]
Aphidius sp. 1♀ (G.M.S.)
Proctot. S. (2 G.M.S.) = [illegible] of [illegible] 1♂ (G.M.S.)

Mymarid 1 (G.M.S.) =

18th August 1937. A mild afternoon after a cloudy morning, then some slight rain & [illegible] turning [illegible] [illegible] & temperature fell. G.M.S. & A.W.S. both collected Right bank of R. Boyne at railway bridge, about 2 miles below Trim (= 1) & left bank of Boyne at Newtown, just above bridge, 1 mile below Trim, Co. Meath. 3.30 – 6.30 P.M. = 2

[illegible] [illegible] 1 ♂ [illegible] at 1 } very [illegible]
[illegible] [illegible] ♂♂ on Angelica at 2 } [illegible]
[illegible] at 2
[illegible] [illegible] ? ♀♀ [illegible] 1 ♂ 2
Selandria [illegible] ? 1 ♀ at 2
[illegible] [illegible] 1 ♀
[illegible] major ? 2 ♂♂.
Leptocryptus [illegible] 1 ♂.
[illegible] 5 [illegible] =

[72 specimens kept (33 at 1 GMS [illegible] 35 at 1 AWS, & 14 at 2 AWS [illegible]) then labelled 14–18/12/1938

[illegible] [illegible] ? 3 ♀♀, [illegible] [illegible] 1 ♂ ?
[illegible] [illegible] 1 ♂
[illegible] [illegible] [illegible] ? 1 ♂

18-8-37 (contd.) R. Boyne below Trim, Co. Meath contd.
[illegible] [illegible] 1 ♂
[illegible] [illegible] 1 ♂, 1 ♀. [illegible]
Phygadeuon [illegible] 1
Bracon sp.? 1 ♂ Chelonus [illegible] 1 ♂, [illegible]
Macrocentrus [illegible]! 1 ♀, very small.
Opius [illegible] = O. [illegible], [illegible], [illegible], [illegible] 2 ♀♀
O. [illegible] 1 ♂. O. [illegible] 2. O. n. sp. red head, 2 ♀♀, ant. 27-28. = [illegible] Nixon!
[illegible] [illegible] 1 ♂

Pentapleura fuliginosa 1 ♀. P. [illegible] 1 ♂
Aspilota 13 ex. = A. [illegible] ? [illegible] (G.M.S.) at 1
A. [illegible] 1 ♀. A. [illegible] 1 ♀. A. [illegible] ?, 1 ♂
A. [illegible] 1 ♂. A. [illegible] 1 ♀.
A. (Synaldis) distracta ? 2 ♂♂. A. (S.) [illegible] ? 2 ♀♀.
Dacnusa [illegible]. D. affinis ? 1 ♂. D. [illegible] 1 ♂.
D. [illegible] 1 ♂. D. [illegible] 1 ♀. D. sp. [illegible] 1 ♂.
D. [illegible] ? 1 ♂. D. [illegible] 1 ♂ [illegible]. D. [illegible] 1 ♂! labelled [illegible] [illegible], Nixon!
[illegible] [illegible] 2 ♂♂
Chorebus [illegible] ? 2 ♂♂
Chaenusa conjungens 1 ♂, 1 ♀ at 1

Ephedrus [illegible] 1 ♀

92

18.8.37. aft. cont. R Boyne below Trim, Co. M.E. cont.

Trioxys sp.? 1♀. Trioxys? sp.? — 2 [illegible].

Praon volucre 1♀.

Aphidius sp. 1♀. 6 [illegible] ? 1♂.

Proctos. 6 exx.

Chalcid. Spalangia [illegible] Först. (1♀ [illegible]) fide Ferrière, 1939.

20th Aug. 1937. Late evening (at dusk) slight drizzle after a fine day. With Dr. [illegible] Hett to look for Leisler's Bat. Grazing field 2 miles West of Tallaght, Co. Dublin. 8.30 till 9.15 P.M. when too dark to see.

One Leisler's Bat seen first at 8.55 & at intervals till Dr. Hett shot it at about 9.20 to 9.30 (time not noted), when it fell near hedges & trees & we were unable to find it that night.

About a dozen Ich. & Braconids swept in sheltered corner of the field, where also some nettles.

93

20.8.37, evening, cont. W. of Tallaght, Co. Dublin.

[illegible] 1♂, [illegible] cond.

Porizonid, black, [illegible] 5 mm, 1♀ (not [illegible]) = Thersilochus?

Blacus ruficornis 1♂.

Pentapleura pumilio 1♀.

Dacnusa aphidula ?? 1♀. [[illegible] & then labelled 22/1/38.]

Cynipid.

22nd August 1937. A fine day, with sunshine till 2 P.M., then sultry & dull, with changing wind from W. to E.; flying ants numerous on the hills (Myrmica scabrinodis & perhaps other spp. of Myrmica). Drove via Roundwood to Laragh & up Glenmacnass to head of the waterfall (alt. ca. 1200 ft) & then walked up Tonelagee to Lough Ouler (1,868 ft): collected (George & I) at intervals both on way up & way down & made a special collection along S. shore of tarn at foot of cliffs where rushes formed chief vegetation. Many insects out, mostly Ich., & few Braconids. Most sent to B.M.

22/8/37 cont. Tonelagee & L. Ouler, Co. Wl., cont.
Collected on way up or down = 1 (alt. 1200 to 1800 ft.)
Swept at S.E. edge of tarn = 2 (alt. 1868-1900 ft.)

[illegible] [illegible] ♂♀ at 1
[illegible] [illegible] at 1 — these labelled "Tonelagee" [illegible] at 2 labelled "L. Ouler, Co. Wl."
[Epilichneumon celense Perkins, 1953: 2 ♂♂ (one the holotype!) amongst the unmounted sent on to Brit. Museum by George.]
[illegible] [illegible] at 1.

Ephialtes [illegible] 2 ♀♀ (1 GMS at 1, the other, much larger, AWS at 2)
D[illegible], nr. of 2 ♀♀ (G.M.S. at 1, AWS at 2). [36 [illegible] at 1; [illegible] G.M.S. at 1, & A.W.S. at 2, AWS [illegible] labelled 21/12/38. [illegible]]
[illegible] ? 1♂ at 2.
[illegible] [illegible] 1♀ at 1; also ? 1♂ at 1.
[illegible] ? 1 [illegible] at 1; 2 [illegible] at 2.
H. ? 2 red ♀♀ (GMS at 1) with Stenomacrus-like venation! [illegible]
H. [illegible] 1♂ [illegible] at 2. [illegible] 1 red ♀ (GMS at 1)
Exolytus 1♂ at 2 with [illegible] !
[illegible] 1♀ at 1
[illegible] 1♂ at 1
[illegible] ♂♂ abundant at 1, ♀♀ at 1 & 2.
[illegible] 1♀ at 1
Picrostigeus [illegible] ? 1♀ at 2.
Stenomacrus sp. n. 2♂♂, 1♀ at 2: [illegible] 24/10/38
Rhadina? [illegible] 1♂ at 2
Polyblastus or Eurymenus? 1 red [illegible] at 2.

22.8.37 cont. Tonelagee & L. Ouler, Co. Wl. cont.
Promethes sulcator [illegible], [illegible], [illegible]; [illegible] & 4 others [illegible] 20♂ at 2
[illegible] [illegible] at 1.
Homotropus [illegible] H. [illegible] 1♀ at 2.
H. gracilentus ? 2♂♂ at 2.
[illegible] 1♀ at 2.
Campoplex red & black [illegible] at 1 & 2.
Only 2♀♀ [illegible] ? of [illegible].
[illegible] [illegible] [illegible]
[illegible] at 2, [illegible] 2♀♀ [illegible]; 1♂, 2♀♀ [illegible] = [illegible] ?

[illegible] ? 2♀♀.
Apanteles 2 spp. common, 1 black & 1 [illegible]; [illegible] = (Apanteles 1♂ at 2.)
[illegible] ? 1♂.
Meteorus [illegible], [illegible] ? 1♂, 1♀, [illegible], black abdomen.

[illegible] [illegible] 2♂♂ [illegible]; 1♂ [illegible] from 2.
Dacnusa [illegible] & [illegible] [illegible] 1♀ [illegible].
D. affinis (1♀ (G.M.S. at 1) 3♂ at 2) D. foveolata 2♀♀ [illegible] at 1500 ft. at 1
D. n. sp. [illegible] 1♂ [illegible] 1♀ [illegible] George at 1
D. ([illegible]) 1♀.
[illegible] ? 1♂ at 2

96.

22.8.37 cont. Tonelagee & L. Ouler, Co. Wi. cont.

Leptothorax very small ☿☿ but only 1 small ♀, [illegible]
[illegible] acervorum ? & tuberum ☿ : probably immature! A.W.S. 1940.
[illegible] ruginodis ☿

Proctos. 11 kept. =

The only aculeates seen were: Bombus lucorum ☿☿ abundant;
B. jonellus ☿☿ at 1200 to 1500, some fresh & busy;
B. agrorum a few faded specimens probably but not surely identified; & this in spite of the fact that the Calluna & other heather were just at their best & full of pollen.

Vespa norvegica 1 ♂ at 1500
V. rufa 1 ♀ inside [illegible] a wood at 1200 ft.

Sawfly: Pachyprotasis [illegible] 1 ♂ at [illegible]

Ophion ♂ taken at light in evening at Dollymount, Dub. by E. O'Mahony on 22.8.1937. Also some [illegible] in St. Anne's, see p. 100 →

97.

25th August 1937. A dull drizzling morning, with wind veering from N.W. to NE & finally E; but afternoon quite fine & small insects numerous, though sweeping impossible in many good places & in all [illegible].

3.0 till 5.30 P.M. Glenasmole, Co. Dub. Three areas swept as follows:
1 = Under trees on W. side of lower reservoir near [illegible]
2 = Under trees between Mr. Moore's house & upper dam.
3 = Swept by George under trees on W side of upper reservoir.
(Almost all taken [illegible] at [illegible])

Bombus lucorum, agrorum, muscorum, lapidarius seen by George
Psithyrus campestris 1 found by [illegible]
Halictus albipes 2 ♂♂ taken by George on head of [illegible] of Plantago lanceolata.
Ichneumon ligatorius 1 ♂ taken by George. [kept 37 [illegible] 78, 35 [illegible], 6 [illegible] 26 [illegible]]

[illegible] pygmaeus 2 ♂♂

[illegible] atricapilla. 2 very small ♀♀, one at 1, the other at 2.
Pezomachus [illegible] ♀♀ & 30 [illegible]; 1 ♂ [illegible]
P. 1 ♀ at 1 P. [illegible] 1 ♀ at 1.
Microcryptus nigrocinctus 1 small ♀ at 2. [illegible] 1 ♀ at 1

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25. 8. 37 cont. Glen[illegible], G. Du. cont.

Hemiteles sp? 1♂, at 3. 3♀♀ at 2, & 1♀ at 1 [illegible]

[illegible] [illegible] [illegible] 2♀♀ at 2 & [illegible]

[illegible] [illegible]? [illegible] [illegible] 1♀ at 3.

[illegible] sp. 3 =

[illegible] [illegible] [illegible] ♀♀ [illegible] [illegible]

[illegible] [illegible] [illegible] ♀♀ at 2.

[illegible] [illegible]? 1♀ at 1. [illegible] [illegible] ♀ at 2

[illegible] [illegible] 1♀ at 1.

[illegible] [illegible] at 2

[illegible] [illegible]? 1♀ at 2.

[illegible] [illegible]? 1 at 1

[illegible] [illegible] [illegible] [illegible] [illegible]? [illegible]

[illegible] [illegible]? 1 at 3

[illegible] not a single [illegible]]

99

25. 8. 37 cont. Glen[illegible], G. Du. cont.

[illegible] [illegible] 2♂♂.

Opius [illegible] [illegible], [illegible] [illegible] to BM.

Alysia [illegible], 1 beautiful ♀ at 2

Aclista [illegible] [illegible], ♀♀ [illegible]. [illegible] [illegible] [illegible].

[illegible] [illegible] 1♂ [illegible] [illegible] [illegible]

[illegible] [illegible] at 1, a few only at 2, & three only at 3.

[illegible] 1♀ at 3. [illegible] 1♂ at 3.

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] at [illegible] Park, [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], while ♀ is similarly coloured & [illegible] [illegible] [illegible].

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] 1♀ at 1.

[illegible] [illegible] at 1 & 2. [illegible] from 1 & 2. [illegible] 5♀♀ from 1

[illegible] [illegible] from 2; [illegible] (all different?) from 1 & 2 & 3.

[illegible] [illegible] at 1 & 2. [illegible] 1♀ at 2.

Diapria [illegible], [illegible], [illegible], & [illegible] at 1 & 2

D. [illegible] at 2, [illegible] 1♀. D. [illegible] ♀ at 1

D. abdita 1♂ at 1. D. elegantula 1♀ at 1

D. sp. [illegible] 2 [illegible] at 1

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Proctos 4 }
P.T.O.
Chalcid 1.

(100)

25.8.37 contd. Glenasmole, Co. Du. contd.
Rector. Dipterid ?? abundantly, but the off. [illegible]
Not sent to BM

Taken in St. Annes, Clontarf, Du., by E. O'Mahony, on 22.8.1937.
Promethes cognatus? 1♂; Dacnusa affinis 1♀; Aspilota [illegible] 1♂;
Aspilota (Synaldis) concolor 1♂; & 2 Proctotrupidae.
Lissonota [illegible] [illegible]

29th August 1937. A dull day, with chill NE breeze after drizzly morning, following three perfect days; everything, except under trees far too wet to sweep — as on 25th. A good day nearly spoiled, though insects becoming very abundant — late afternoon.

Drove W at 12 noon, to get out of drizzle, after seeing George off at Kingstown at 10 AM. Stopped for lunch at Pike Bridge, Carton, Co. KD. & collected along bank of canal & under trees — shelter belt between canal & main road; then drove on via Kilcock to Agher Ho., Co. ME, near Summerhill, where collected on side of road & in hayfield under trees

(101)

29.8.37 contd.
for a couple of hours. Most insects sent to B.M.
1.0 till 2.30 P.M.

Canal bank & shelter belt, just E. of Pike Bridge,
Carton, Co. KD.

29.8.37

Bombus agrorum, B. lucorum ♀♀, yellow ♀, Vespa vulgaris

Phygadeuon? sp.? black, red tail & [illegible] 1♂ left, but very abundant along edge of canal [illegible] [illegible] plants.

Leptocryptus? [illegible] sp. [illegible] ♀ left.

Pezomachus [illegible] sp. 1♂ left.

Perilissus [illegible] [illegible]? 1♂, [illegible] AWS [illegible]

[NB [illegible] [illegible] left. AWS 5/3/38]

Phygadeuon [illegible] 1♂.

Ichneumon [illegible] [illegible] [illegible]

Aspilota [illegible] [illegible] 1♀

Coelinius [illegible] 1♂.

29.8.37 cont. Carton, Co KD. cont.

Adelura flavicoxa 1 very small ♀.

Phaenocarpa flavipes ♀

P. [illegible] 1 dark ♂

Pentapleura pumilio 1♂, very small.

Aspilota sp. 1♀, dark, stout, 8 seg. ant.

A. sp. 1♂, 21 seg ant, might go with last ♀.

A. ? of [illegible] 1♀, 18 seg. ant.

A. sp. 2♂♂, 20, 22 & 22 seg. ant, might go with last ♀.

A. [illegible] 1♀, 15 seg. ant.

Aspilota sp.? abundant on Glyceria aquatica leaves on bank of canal, where recently dredged & mud & weed piled on bank [not separated & these I cannot say which of above apply the species to. A.W.S. 5/3/1939]

A. (Synaldis?) sp. 1♀, 18 seg. ant (short & stout), the venation in left forewing shows a trace of 1st transverse cubitus & so intermediate between Aspilota & Synaldis!

Dacnusa stramineipes 1♂

D. areolaris, pubescens 1♀, 1♂ & [illegible]

D. [illegible]? 1 small ♀

29.8.37 cont. Carton, Co KD. cont.

Ephedrus validus 1 very small ♀.

Proctos. 3

NB Those logged on pp. 101–103 only represent what specimens were kept by me & mounted. A.W.S. 5/3/1939!

29.8.37, late aft. 3.0 till 5.0 P.M.

Roadside & edge of hayfield, under trees (mainly oak, one or two sycamore & young ash), on SE side of Agher demesne, S. of Summerhill, Co. ME.

Phaenocarpa [illegible] 1♀. SS labelled 7/3/1939

AGHER Co. ME AWS. 29.8.37

Stylocryptus [illegible] small ♂ 1 & ♀

Hemiteles [illegible] 1♀

H. sp. 1 very small ♀, black [illegible], stout [illegible]

Exenterus 2 ♀♀ ([illegible]) [illegible]

[illegible] 2 [illegible] ♀♀ ([illegible])

[illegible] 1 very small ♂ = }
" 2 ♀♀ = same sp. }
(put in collection!)

29 8 37, aft. cont.   Agher, Co. ME. cont.

Acrodactyla degener 1♀. Dyspetes praerogator 1♀.

Orthocentrus radialis? 1♀. [illegible] 2♂

Eclytus fontinalis 1♀. [illegible] 1♂ =

Only the above [illegible] kept

Braconidae on opp. p.

& below

Alloea contracta 1♂.

[illegible] tenuicornis minor 1♀.

Adelura flammitarsis, large, robust, ♀, with very vivid red belt on 2nd abd. seg.

29.8.37 aft. cont.   Agher, Co. ME. cont.

Colastes braconius 1♀. not kept.

Rhyssalus indagator? 1♂, ♀ kept

Heterogamus dispar 1♀ on Sycamore on edge of [illegible]. kept.

Blacus [illegible] 2♂♂, 1♀

B. [illegible] 1♀, very small.

Opius caesus 1♀. O. sp. "red head" 1♀

Aspilota very common: the following kept only.

A. sp. [illegible] 3? 1♀. A. sp. [illegible] 2♂♂, 1♀ partly [illegible]

A. small sp. [illegible] 1♀ 3♂♂ & 2♀♀ (16-18 seg. ant. 1♀)

A. sp. [illegible] but [illegible] expanded head, 1♀, 16 seg. ant.

A. (Synaldis) sp. 1♀, dark red legs, 17 seg. ant.

Dacnusa [illegible] 1♂ ♀. D. [illegible] 1♂ & ♀, 1♀ kept

D. cyclops 1♀ kept.

D. areolaris & Conjunctiva frequent: none kept.

Bracon [illegible] ? 1♀

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29.8.37 aft. cont. Cypher, Co. ME., cont.

Proctos. kept. 11 =

31st August 1937 (Tuesday). An almost perfect day for insects only for a [illegible] till heavy rain set in about 10 AM which lasted about 15 minutes & thoroughly drenched the vegetation — Wind E.–SE in Dublin, SW in Glenasmole & fairly strong. After 10.30 no rain, considerably very hot sunny, sultry & warm, & owing to the SW wind good shelter along W side of the reservoirs. Collected by sweeping & with net from areas — Glenasmole, Co. Dublin.

1. Under trees just after rain stopped 10.30 till 11.30 AM on the side of lower reservoir towards keeper's hut, & then along.
I secreted a trap to catch Phorids & their parasites (Aspilota spp.) but the rats eat the bait! A.W.S. 19/9/37.

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31.8.37 cont. — Glenasmole, Co. Dublin cont.

2. Under trees in hollow just above McKenna's house & between that & water filtering beds, where the ground has [illegible] growing. 11.30 till 1.0 PM. Still too wet to sweep properly.

3. Under trees on high ground between path & boundary fence above & below spillway from upper reservoir. 1.0 till 2.30 PM.

4. W side of upper reservoir, along foreshore below water level of water & especially at upper end of reservoir where marsh vegetation [illegible] springing up in dry bed of lake, about willows (S. cinerea & S. caprea) on edge of lake & a few sweeps under larch plantation at head of reservoir. 2.30 till 5.30 PM.

Bees collected many fungi on this date which were brought home & kept — many larvae!

And on 19.9.37 ♂♀ of Aspilota bred out of fungi on pine ground. A.W.S.

Bombus lucorum — fresh ♀ seen. B. lapidarius 1 fresh ♀. B. distinguendus 1 ♂ seen at 4. B. agrorum ♂♂ very common on Purple Loosestrife flowers at 4. Vespa rufa (10 kept) & sylvestris ♂♂ seen on Angelica. Halictus albipes ♂♂ seen. [illegible] glabrata several ♀♀ at 4. Black sp. ♂♂ at 4.
= Pristiphora ruficornis 1♂ ?

Labelled 9.3. 3 ♀♀ [illegible] from 2, 29 from 3, 4 [illegible] from 4 [illegible] A.W.S.

21. 8. 27 cont. [illegible], C. [illegible] cont.
[illegible] 1♂; [illegible] at 2.
[illegible] 1♀ at 1.

[illegible] 1♀ at 1
[illegible] nigricornis ? 1♀ at 1; 2♂♂ at 2; 1♀ ? [illegible] at 4.
[illegible] 1♀.

[illegible] flavipes [illegible]

[illegible] abdominalis ♂, at [illegible] at 4.
[illegible] ✓ [illegible]
D. [illegible] at 2.
D. [illegible] 1♀ at 2.
[illegible] at 2. [illegible] capito [illegible] at 4
[illegible] 1♂ at 1. O. [illegible] 1♀ at [illegible] at 4.
O. [illegible] 1♂ at 4.
[illegible] [[illegible], so not kept; [illegible]]
[illegible] 1♂ at 4.
[illegible] 1♀ at 4.
[illegible] ♂ at 3, 1♀ at 4.
A. sylvia [illegible] not [illegible] kept.
[illegible] at 3.

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21. 8. 27 cont. [illegible], D. [illegible] cont.
[illegible]
[illegible]
[illegible]
[illegible] 1♀ at 1.
[illegible]

[illegible] 1♂ [illegible] D. stricticula 1♂ at 4
D. lateralis 1♂, 1♀ at 2. [illegible] 1♂ at 4.
[illegible]
= D. [illegible] n. sp. ♀. Type! A.W.S. 26. 11. 1928.
[illegible] at 2, 1♀ at 4. } D. [illegible] at 3. D. [illegible] at 3.
D (G.) [illegible] D. affinis 1♀ at 4
[illegible]

[illegible]
[illegible]
2 at 3. =
P.T.O. →
1 at 4: very [illegible] body [illegible]
[illegible] at 2 [illegible]
G. [illegible] 3♂♂ 1♀ (21, 25, 24 & 23 seg. ant. [illegible]) at 2. G. [illegible]
G. [illegible] 1♀, [illegible], 16 seg. ant. G. [illegible] ? small ♂.
G. (S[illegible]). [illegible] 1♂, 23 seg. ant.

P.T.O.

31.8.37 cont. Glenasmole, Co. Dn.

Ichneumonidae. Most sent to B.M. but the following kept —

Phaeogenes [illegible] 1♂ at 1. P. [illegible] 1♀ at 3.
[illegible] 1♀ [illegible] (compared [illegible], ME, 29.8.37) at 2.
[illegible], [illegible] face, 1♂ at 1 = [illegible] ?
Phygadeuon [illegible] [illegible] 1♀ at 1
Leptocryptus [illegible] 1♀ at 2. L. [illegible] 1♂ at 2. L. claviger 1♀ at 2.
Exolytus [illegible] 1♂ at 2. Ex. [illegible] 1♀ at 4.
Mesoleius [illegible] 1♀ at 3. Stylocryptus [illegible] 1♂ at 4.
Pezomachus 1♀ at 3.
Mesoleptus [illegible]. 1♀ at 3. [illegible] 1♀ at 4.
Promethes [illegible] 1♀ at 3. Bassus dorsalis 1♂ at 4.
Ctenopelma sp. ? red, 1♂ at 2 Homocidus pulchellus 1♂ at 4.
Homocidus [illegible] [illegible] 1♀ at 4.
Stenomacrus [illegible] ? 2♂♂ at 1, [illegible], [illegible].
St. sp. ? 1 very small ♀ at 4 = St.
[illegible] sp. 1♀ at 2
[illegible] 1♀ at 1 [illegible] 1♀ at 1
P. 1♂ at 2

[illegible] 1♀ ? at 1.
Mesochorus 1♀ at 2. M. sp. 1♂ at 2.
Plectiscus [illegible] ? 1♂ at 3.

31.8.37 cont. Glenasmole, Co. Dn. cont.

Hover Fly = Pyrophaena granditarsa ?

5th Sept. 1937. Middle of a depression, very damp & hot, after a gale, with rain at night, strong S.W. wind, but no rain where we were & grass, etc., under trees dry enough to sweep.

Drove to Kilkea Park (via Castledermot), Co. KD; collected by sweeping trees & undergrowth at E. end of deerpark (=1) & also at N. end below the "fort" (=2); & also in marshy fields W of road about 1 mile N. of Castledermot, Co. KD. Many insects out, especially Ich. & Proctos, but few kept, most being put in "papers" (3) for B.M.

5.9.37 cont. Kilkea Park, Co. KD. (1 & 2).
12 noon till 2.45 P.M.

Psithyrus campestris, rupestris & distinctus ♂♂ on Scabious.

Bombus lucorum 1 ♀ seen at flowers of Scabiosa succisa.

B. agrorum seen.

Halictus calceatus ♂♂ seen.

Mellinus arvensis ♀ seen with fly at 2.

[Many sawfly larvae swept at 1 & 2, several very large, pale yellowish green, swept in undergrowth, but none kept.]

Bracon discoideus 1♀, small, at 2. [illegible] AWS

Colastes braconius ♂♂ & ♀♀, common.

Rhogas testaceus 1♂ at 1.

Apanteles [illegible] 1♀ at 2; near dilutus [illegible] but basal seg. of abdo. smooth & shining.

Meteorus fragilis? 2♀♀ at 1. M. pallipes? 1♀ at 1.

M. filator ♂♂ & ♀♀ at 1. M. abdominator? 1♂ at 2.

Microctonus thoracicus 1♀ from a stump. Cf. [illegible] AWS 24/9/39

[Entedon [illegible] 3♀♀ [illegible] taken, none kept.]

Blacus tripudians 7♀♀ at 1 / [illegible] 3♀♀ at 2 } B. humilis 1♂ at 1.

5.9.37 cont. Kilkea Park, KD. cont.

Centistes lucidator? & Opius [illegible] 1♀ at 2.

O. [illegible] 1♀ at 2: only previously taken by me at Trawling [illegible]

Opius [illegible] 1♀ at 1. O. [illegible]

Aspilota [illegible] at 2.
A. [illegible] 1♀. 16 [illegible] at 2. A. [illegible] 1♀ 15 [illegible] at 2.
Aspilota [illegible] 1♂, ♀ at 1
A. [illegible] 1♀ at 1 [illegible]
A. [illegible] ♀, very small [illegible]

Phaenocarpa ruficeps 1♂, very small.

Pentapleura [illegible] 1♂

Adelura [illegible] 1♀.

Dacnusa [illegible] 2♂♂ at 1. D. [illegible] 1♀ at 1.

D. [illegible] 2♀♀ at 1. D. [illegible] 1♂ at 1.

D. [illegible] 1♀ at 1; 1♂ at 2. D. [illegible] 1♂ at 1.

D. [illegible] 1♀ at 1, & 1♀ at 2.

D. areolaris & [illegible] frequent.

D. [illegible] rare.

[D. [illegible] 1♀, at 1, but [illegible]]

D. affinis 1♂, 1♀ at 1, & 1♀ at 2.

[Aphidius very rare & none kept]

5 9 37 cont. Kilken Park, KD., cont.

Cratichneumon [illegible], 1♂ 2♀ [illegible] at 1.
C. [illegible] 1♀ at 1.
Phygadeuon ? 2♀ at 1.
♂ Cryptid [illegible] at 2 [illegible] Linnaeata, at. =

Hemiteles ? [illegible] ♀ at 1.
H. [illegible] 1♀ at 2
Pezomachus [illegible] ♀ at 1.
P. [illegible] 1♀, [illegible] at 2.
≠

Pimpla [illegible] ?? [illegible] ♀, [illegible] parallel-sided abdomen, at 1.

[illegible] 1♂ [illegible]

53

5 9 37 cont. Kilken Park, KD. cont.
[illegible] 1♂ at 1

[illegible] 1♂ at 1.

Stenomacrus [illegible] ? 1♂ [illegible] at 1. St. [illegible] ? 1♀, 18 [illegible] at 1.
St. [illegible] ? 1♀, 21 [illegible] at 1. St. [illegible] sp. ? 1♀, 22 [illegible] at 1.
St. [illegible] ? 1♀, 26 [illegible] at 1.
St. [illegible] ?? 1♀ at 2, 22 [illegible], [illegible]
Aptesis 1♀ at 1.
[illegible] ? 1♀ at 1.
Mesochorus [illegible] sp. 1♀ at 1.
M. [illegible] 1♂ at 1.

Plectiscus 1♂ at 1.
[illegible] ? 1♂ at 2.
Hemiphanes gravator ♂ 1♂ at 2. / 7 [illegible] 3.7.1947.
[illegible] sp. ? [illegible] at 2.

Proctos 2 at 1.
[illegible] 2 at 1

116.

5.9.37 cont. Marshy field & drain, with alders, W. of main road, 1 mile N. of Castledermot, Co. KD. 4.0 till 4.30 P.M. Only shelter under hedges, &c.

Platyglaster rufipes 1♀, not the black antennae [illegible]
24 labelled 26–27/3/39 Co. [illegible] 5.9.37

Pagiocerus [illegible] 1♂.

Homocidus signatus 1♀. H. biguttatus 2♂♂.

Polyblastus [illegible] 1♂. Mesochorus ♀

[illegible]? 1♀. [illegible] [illegible]? very bad leg.

Meloboris 1♀ Bassus [illegible] 1♀.

Opius [illegible] 2♂♂, ♀. O. [illegible]? 1♀ [illegible] 1♂

Dacnusa [illegible] 1♀. D. [illegible] 1♀. D. [illegible] 1♀.

D. affinis 1♂ ♀. [illegible] [illegible]? 1♂

[illegible] 2 =

10th Sept 1937. A cold windy day, but no rain & considerable sun; strong NNW wind, the second cold day, after very warm spell early part of the week, yet surprising amount of insect life in sheltered parts of woods.

Kilkea deerpark, Co. KD. (on a private Sunday); with A.A. Lucey & Bryan Beirne

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117.

10.9.37 cont. Kilkea Park, KD, cont.

1 = swept before lunch near Castledermot gate, 12 till 1.

2 = swept in W & N sides of plantation after lunch, 1.30 till 4 P.M.

[illegible]

Phygadeuon? [illegible] ♀ at 1.

Leptocryptus [illegible] 1♀ at 1, & 1♀ at 2.

Pezomachus [illegible] 2♀♀ at 1, & 1♀ at 2. P. [illegible] 1♀ at 1

P. [illegible] 1♂ at 1

Pimpla [illegible]? 1♀ at 3. P. [illegible] 1♀ at 2.

Aenoplex? degener 1♂ at 2, [illegible]

[illegible] 1♂ at 2.

Polyblastus? [illegible]? 1♀ at 1 Homocidus biguttatus 1♀ at 2.

[illegible] [illegible] 1♀ at 2. Stenomacrus [illegible]? 1♂, 2♀♀ at 2 very small.

S. [illegible]? 3♂♂, 1♀

Metopius [illegible] 1♀ at 2.

Mesochorus 1♀ at 2 [illegible]

Hemiteles [illegible] [illegible]? 1♂(?) at 2. Perilitus [illegible]? 1♂ at 2

Phaenocarpa communis? 2♂♂, 2♀♀ at 1, also 3♂♂ [illegible] at 2.

[illegible] sp. 1♀ at 2 [illegible] 1♂, [illegible] at 2.

Aspilota [illegible] 1♀ at 2

P.T.O.

10.9.37 contd. Kilkea Park, KD. contd.

Megastylus 1 ♂ at 2.

Pantisarthrus [illegible] ? 1 ♂ 1 ♀. ? [illegible] 1 ♂ ? ♀.

Gen. et sp.? 1 ♂ at 2, like Cryptinid, yellow face, [illegible] Plectiscus.

Aspilota [illegible] ? 1 ♀ at 1.

Meteorus filator 1 ♂, 1 ♀ at 2. M. [illegible] 1 ♀ at 2.

M. scutellator 2 ♀♀ at 2.

Bracon [illegible] 1 ♂ at 2.

B. [illegible] 1 ♀ at 1; and 2 ♀♀ at 2. B. [illegible], small 1 ♀ at 2

Opius [illegible] 2 ♀♀ at 1.

O. [illegible] 1 ♀ at 1, also 1 at 2.

O. singularis 1 ♂ at 2 (not [illegible]).

O. [illegible] ?? 1 ♀ dark-tarsed, 23 seg. ant.

Aspilota [illegible] 5 ♀♀ at 1 = A. [illegible] ? 1 ♀. A. [illegible] 18 seg. ant.

A. [illegible] head, [illegible] 1 ♀. A. [illegible] } 17 seg. ant. 1 ♀. [illegible]

A. [illegible], 21 seg. ant. 1 ♀. A. small, dark [illegible], 21 seg. ant. 1 ♀ [illegible] 3.

3 ♂♂, 8 ♀♀ at 2. = A. [illegible] ? 1 ♂ 2 ♀♀. A. 4 like 5 ?? 1 ♂ 1 ♀. A. small ♀, dark [illegible] ant.

A. sp. of long head, [illegible] = [illegible] sp. 1 ♂ 1 ♀, both 18 seg. ant.

A. black, very long head, 20 seg. ant. 1 ♀. A. [illegible]-like ♀, but 21 seg. ant., brown.

A. ([illegible]) [illegible] ♀ at 1 } A. sp. 1 ♀. 22 seg. ant.

10.9.37 contd. Kilkea Park, Co. KD contd.

[illegible] 1 ♂ 5 at 1, 2 ♀♀ at 2. D. [illegible] 1 ♀ at 2.

D. sp.? [illegible] like [illegible], but [illegible] [illegible] [illegible] beyond [illegible], [illegible] [illegible] [illegible] [illegible]

D. [illegible] 2 ♀♀, [illegible] at 2. D. [illegible] 1 ♀ at 2, with short radial cell [illegible]

D. [illegible] 1 ♀ at 2. D. [illegible] 1 large ♀ at 2. D. [illegible] 1 ♀ at 2

Phaenocarpa [illegible] ? 1 ♂ 2 ♀♀

Aphidius [illegible] ? 1 ♀. A. [illegible] ? 1 ♀.

Proctos. 1 [illegible] ♀ at 1 ; 1 [illegible] ♀ at 2 =

12th Sept 1937. A [illegible] day, [illegible] and cold, rain setting in with SE × W [illegible] at 8 AM. & continuing till 3 PM. then fine [illegible] evening, with strong W wind, [illegible] full moon at 8 PM. [illegible]

Glending, Blessington, on KD—WI boundary

A few insects taken with [illegible] under [illegible] of [illegible] by roadside 1.30 till 2.30, during a [illegible] rain.

Bassus [illegible] 1 ♀. Lathrolestes marginatus Th. 1 ♀ [illegible] 3/4/39 MWS.
[1 ♀ agrees with "Lathrolestes reticulatus [illegible]" AWS. 4.4.39.

[illegible] sp.?? 1 ♂. Promethes [illegible] 1 ♀.

Stenomacrus [illegible]? 1 ♀ (AWS. 5.4.1939) St. sp.? 1 ♂

[illegible] ?? 1 ♂ [illegible] Plectiscus sp.? 1 ♂ 20 seg. ant.

Rhyssalus [illegible]? 1 ♀. Meteorus [illegible] 1 ♀.

Blacus [illegible] 2 ♀♀. Opius caesus 1 ♀.

Aspilota sp. 4 like 3 ?? 1 ♀, 21 seg. ant.

12.9.37 cont. Glending, KD — W1, cont

Proctotrupoidea 4 : =

18.9.37 Taken by E. O'Mahony at St. Annes, Clontarf, Dub.
Aspilota [illegible] ♀.
[illegible] =

16.9.37.
[illegible] =
Taken [illegible] at 14 [illegible] Rd Harolds X, Dub.
[illegible] =
taken on window in Nat. Museum Dublin.

Chalcids 2, very small : =
Platygaster : 2 : =

19th Sept. 1937. After bad weather, but fine days previously, it turned wet & thunder on Sat. evening, then, Sunday, morning a perfect day, but cooler, N.W. breeze, & very hot sun. Heavy showers again in aft. & evening. On duty in museum in aft.

Glenasmole, Co. Dub. 10 AM till 12.30 noon.

1 = N of lower reservoir by hut & below Moore's Lodge & upper dam.

57 from 1
15 from 2
+11 more from 1
labelled [illegible] [illegible]

2 = N.W. corner of upper reservoir behind the boat-house.

Far too wet to sweep & apparently little out, but Daisy discovered that the laurels (dripping wet though they were) were covered with flies & Braconids, &c. Here the main catch was taken, but very few kept & most picked up [illegible] to BM.

19.9.37 cont. Glenasmole, Co. Dub. cont.

[illegible] bariolator 1♀ (✓ DWS 20/9/37); new to Irish list) at 1.

Opius [illegible] 1♂ at 1, with very broadened hind legs.

[illegible] [illegible] 1♀ ✓ DWS 20/9/37

[No Blacus or Opius seen]. Chorebus [illegible] 1♀ at 2.

[illegible] [illegible] ♀ at 1.

[illegible] sylvaticus 1♀ at 1.

Aspilota : 21 at 1 = 6 grandiceps 3♂♀. 6 small [illegible] [illegible] [illegible] — [illegible] — see note on aspilota found 19.9.37 ♀ [illegible] 31.8.37, on page 107. DWS

A. of [illegible] 2♂♂ 3♀♀, all [illegible]. [illegible] [illegible] 3, [illegible] ♀ [illegible]

A. [illegible] [illegible], [illegible] 2♀♀ (ant. 19 & 20). [illegible] [illegible]

A. of radialis 1♂ (ant. 19) & 1♀ (ant. 18). A. of fuscicornis, 1♂ (ant. 18) very [illegible].

Dacnusa areolaris & [illegible]: abundant & [illegible] all [illegible] ♀♀. D. [illegible] [illegible] [illegible] 24 [illegible]

D. [illegible] [illegible] at 1. D. affinis 1 at 2.

D. [illegible] [illegible] D. [illegible] 1♀ at 1 D. [illegible] 1♀ at 1

[illegible] = a very tiny [illegible] ([illegible])

Dacnusa [illegible] 1♂ at 2.

Alysia of [illegible] 1♀ [illegible] taken!

cont →

19. 9. 37 cont. Glenwood, Co. Dbn cont

[illegible] [illegible] {2 ♂♂ and 2 ♀♀, [illegible], at 1.

=

Eurytoma sp. 1 ♂ at 1. Acanthocryptus quadrispinosus 1 ♂ at 2

Leptocryptus claviger, [illegible] [illegible] [illegible] 1 ♀ [illegible]

[illegible] [illegible] ♀♀ (sent to BM.)

Hemiteles [illegible] ♀♀. (sent to BM).

H. [illegible], [illegible], 1 ♀ at 1.

Limnerium bellator 1 ♀ at 2.

Pimpla quadridentata 1 ♀. Phaeogenes? 1 ♀ [illegible]

Mesoleius? Polyblastus cf. varipes? 1 ♀ at 1.

Promethes pulchellus 2 ♂♂ 2 ♀♀. Bassus [illegible]?

Homocidus pectoratorius 1 ♂.

H. tarsatorius ♀ 1 ♀ at 1

[H. dimidiatus? 1 ♂ at 1.] Also 1 ♀ [illegible] sent to BM

This ♂ can hardly be dimidiatus: [illegible] coloration but [illegible] legs very pale. AWS 1939

Lathrolestes marginatus 1 ♀ at 1.

Stenomacrus [illegible] ♂♂ & ♀♀. S. [illegible] 1 ♂ at 1

S. sp.? 3 ♂♂, 1 ♀, [illegible], [illegible] at 1. S. [illegible] 1 ♂ at 1

S. sp.? } 2 ♂♂, [illegible], [illegible] 2 ♂♂ at 1. S. [illegible] 1 ♂ at 1

[illegible] } also 3 ♂♂, 3 ♀♀ at 2.

Orthocentrus radialis 1 ♀.

O. sp.? 1 ♂ at 1, [illegible] cf. [illegible]

19. 9. 37 cont Glenwood, Co. Dbn cont.

[illegible] [illegible]? 1 at 2.

Phytodietus [illegible] 1 ♂ at 2.

Pleolophus [illegible] ♀ at 1. P. [illegible] ♀ at 1

Aperileptus [illegible] at 1

Megastylus cruentator 1 ♂ at 1; also 1 at 2

Mesochorus [illegible]? 1 ♂ at 2.

Campoplegidae [illegible] kept =

1 black ♀, [illegible], [illegible], at 1, cf. Campoplex Först. Schmied. 1907.

1 black [illegible] at 1 [illegible] [illegible] ?.

Casinaria tenuiventris? 1 ♀ at 1.

Charops luteus 1 ♀ at 1.

Mesochorus [illegible] 1 ♂ at 1 =

M. sp. [illegible] at 1.

Bracon [illegible] (sent to BM) [illegible] kept

=

20th Sept. 1937 evening. Taken in garden, 11 Glenwood Rd., [illegible], Dbn

[illegible] 3? 1 ♀. Bassus [illegible] ♀♀ [illegible]

Bassus [illegible] ♂♂

[illegible]. [illegible], [illegible]

21st Sept. 1937. A lovely morning, before a depression, rather windy (SW) in afternoon, with drizzle starting at 5 & heavy rain from 6 o'clock onwards.

In afternoon drove to Bellevue, Delgany, Co. Wi., & collected in damp roadside at top of hill from Kilmurry to Greystones, N. of Glen of the Downs (=1) & in "Alder Swamp" along E. side of Bellevue demesne (=2), now being cut up for golf & bungalows.

Home via Kingstown to meet George at mail boat.

Bellevue, Delgany, Co. Wi. 300 ft. 4-30 P.M.,

[illegible] 10/4/39 [illegible]

Blacus [illegible]

B. [illegible] ♂♂ ♀♀ at 2.

Opius [illegible] 1 ♀ at 2. O. [illegible] 1 ♀ at 1, [illegible]

Dacnusa areolaris very abundant at 1 & 2.

D. [illegible] several ♂♂ & 2 ♀♀ at 2.

D. longiradialis a few ♀♀ at 1 & 2.

D. [illegible] frequent at 1, rare at 2.

D. [illegible] 1 ♂ at 1, hill.

D. [illegible] 1 ♀ at 2.

21.9.37 cont. Bellevue, Wi., cont.

Aspilota frequent at 1, very rare at 2.

3 ♂♂ 2 ♀♀ from 1 kept (= A. [illegible] 1 ♀ (ent. 21). A. [illegible] ♀ 1 ♂ (ent. 20).
A. [illegible] 1 ♀ (ent. 18). A. [illegible] 1 ♂ (ex) & 1 ♀ (ent. 18).
A. [illegible] 1 ♂, hind legs, ent. 19.

Aphidius [illegible] 1 ♀ at 1, [illegible]?

[illegible] at 1 =

[illegible] ♀ =

[illegible] ♀ at 1.

[illegible]
I find that [illegible] recorded [illegible] 10.12.1949 by J. F. Perkins [illegible]

[illegible] 1 ♀ at 1.

[illegible] 1 ♂ at 1, also 1 ♂ at 2.

P. [illegible] 1 ♂ at 2.

[illegible] 1 ♂ at 1.

21.9.37 cont. – Bellevue, G. W1 cont.

Decrocomus pallipes ? [illegible] 2 [illegible]
S. [illegible] ? 1♂, [illegible]
S. [illegible] ? 1♂ 1♀ [illegible]

[illegible] 1♂ [illegible]
Mesoleius 1♂ [illegible]

[illegible] 1♀ [illegible].

Gonatopus [illegible] ([illegible])

[illegible] 1♂ [illegible]

Sept. [illegible]

Garden at 14 Clareville Rd., Harold's Cross, Dub.

Acanthocryptus quadrispinosus 1♂ on 23rd Sept. 1937.
Mesoleius 1♀ on 23rd
Dacnusa areolaris 1♀ on 23rd.
(Exallonyx 1 very small ♀ on 23rd & another on 27th
Aspilota ~~[illegible]~~ ? 1♀, with 13 segmented antennae. [illegible]
Two small Chalcids, one very minute (about 1 mm long) on 27th
=
Stenomacrus deletus ? 1♀ on 27th

Taken, dead, possibly long dead, in bowl of electric light in drawing room, 14 Clareville Rd., Harold's X, Dub.
Blacus humilis 1♀
Macrocentrus collaris ? 1♂ & 1♀.

Taken on window of my room in Museum, Dublin.
Cryptid. ♀ on 23rd Sept.
  another of 1♀ on 27th
Alysia manducator 1♀ on 27th.
Aspilota [illegible] ? 1♀ on 27th

178.

24th Sept. 1937. Very damp & close, sunny, with drops at intervals & rain at night. Caught at a few places possible to sweep 2.30–5.0 P.M.
Kilteel district, Co. KD.
1 = roadside at 1st glen S. of DU–KD border on road from Rathcoole to Kilteel.
2 = woodland along Woolpack Road W. of Kilteel.

Exochus. 1 (♀?) at 2.

11 ♀ [illegible]
24 ♀ from 2 } labelled 17/4/39 at sug. A.W.S.

Polyblastus 1 (♂?) at

[illegible] impositus? 1♀ at 1

Stenomacrus [illegible] 1♀ at 2.
St. cf. marinellus ? 1♀ at 2
St. [illegible] ? 1♀ at 2
[illegible] 1♂ at 2
[illegible] 1♀ at 1

[illegible] at 1. O. [illegible] 1♀ at 1

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24/9/37 cont. Kilteel district, KD.
Adelius [illegible] 1♀ at 1 —
Aspilota 2♀♀ at 1 = {A. rubripes ♀ & ♀. A. latidens 1♀ with 20 seg ant
with 16 seg. ant. [illegible] 15 seg. [illegible] 1938
Aspilota 1♂ 7♀♀ at 2. = A [illegible] 1♂ = [illegible]}. A. latidens 2♀♀, ant. 20 seg.;
= A. rubripes 2♀♀ with 16 & 2♀♀ with 15 seg ant. A. cf. rufipes [illegible], 1♀, with 11 seg ant
Dacnusa [illegible] 1♀ at 2. D. [illegible] 1♀ at 2. D. [illegible] 1♀ at 2
D. [illegible] 1♀ at 2 D. affinis 1♀ at 2.
Gonatopus [illegible] 1♀ at 2. Cynipid 1 at 2 =
[illegible] 1 at 2 =
3 at 1 =
4 at 2 =

26th Sept. 1937. Opened with the [illegible] drizzle [illegible] from S.E. [illegible] the W. wind, falling glass indicated approach of a depression [illegible] had dripped all day, [illegible]. Drove in morning drizzle to Russborough House, beyond Blessington & the [illegible]. Here in Co. KD. except one ♀ [illegible] [illegible] by roadside. On return to Dublin at 12.30 [illegible] finding it had cleared, set off for Phoenix Park & [illegible] of wet grass, [illegible] known to occur in the Furry Glen [illegible] many small insects, especially [illegible], out

26. 9. 37 cont. Furry Glen, Phoenix Park, Dub. cont.
1.0 till 4.0 PM

All except as otherwise taken in upper part of glen & just below or beside the septic tank of [illegible] house, mostly under trees, especially one large Sycamore near main avenue (E side of glen) & on right bank (W) of glen opposite; [illegible] [illegible] [illegible] off patch of [illegible] [illegible] below tank & on right bank of stream.

Colastes braconius 2♀♀ [illegible] kept. 101 specimens labelled 26/9/37 at sq. [illegible] under + 3 [illegible] & [illegible]

[illegible] 1♀

[illegible] [illegible] ♀, 29 seg. ant., [illegible] [illegible], &

[illegible] [illegible] 1♀

Blacus ruficornis 2♂♀, on [illegible] of the [illegible].

B. longipes 1♀.

Opius [illegible] [illegible] : none kept.

O. [illegible] 1♀

O. [illegible] ♀, [illegible] [illegible] & 36 seg. ant.

Phaenocarpa picinervis 3♂♂.

P. [illegible] 2♂♂. 1 kept.

26. 9. 37 cont. Furry Glen, Dub. cont.

Adelura [illegible] 1♂ not kept.

Pentapleura [illegible] 1♂.

Orthostigma [illegible] ? 1 [illegible] ♂, 22 seg. ant.

O. [illegible] mihi 1♂. O. [illegible] 1♂.

~~Aspilota (rufescens?) mihi, var. ? with [illegible] [illegible] [illegible]) 1♂, 1♀.~~ = [illegible] [illegible] Type ! A.W.S. 22.10.1937. I am now satisfied these (♂ & ♀) are referable to A. ruficornis. A.W.S. 1/10/40.

A. praecipua 1♀, 22 seg. ant. | A. grandipennis var. atra mihi. 4♂♂, 25-28 seg. ant.

A. sylvatica mihi 1♀. | A. grandipennis ? 1♂, 1♀, 22 seg. ant.

A. cynipsidis mihi 2♂♂, 6♀♀. A. semirufa mihi ? 4♂♂

A. fuscicornis ? 1♂. A. vulgaris ? 3♂♂, ♀, A. annularis ? 2♂♂, ♀

A. sp ? 1♂. A. sp ? [illegible] ♂.

Synaldis gracilipes mihi ? 2♂♂, 3♀♀. S. concolor ? 1♂, ♀.

Dacnusa none, but areolaris, [illegible] ♀ kept & pubescens (? ♂ not kept) & [illegible] ♀♀.

D. [illegible] 1 [illegible] ♀, 23 seg. ant.

D. [illegible] 1♂, kept. D. ovalis ? 1♂, kept

D. fallax ? 2♂♂, 35 & 36 seg. ant. D. melanocera 1♂, kept

D. elegantula 1♀, kept. D. [illegible], 1♂, 1♀, kept.

Aphidius a few ♂♂ only & none kept.

26.9.37 cont. Ferny Glen, Dee cont

[[illegible] [illegible] & [illegible] sorted & E.P. probably of at least 100 specimens.]

[illegible]. 3 bottles, picked out by me

Paracodrus apterogynus 1♂

Chalcid. 1 [illegible] ♂

Sawfly. Allantus (= Emphytus) abdominalis 1♂

Ichneumonidae: Kept.

Acanthocryptus quadrispinosus 1♀.

Hemiteles bicolorinus group. 1 large ♂, 2 small ♀♀:-

=

Pezomachus 1 black, 2 reddish, very small ♀♀:-

=

Microcryptus? }
Phygadeuon } brachypterous sp. 2 ♀♀, 2 spp.:-

=

Hemiteles sp.° 1♂, 1♀ =

26.9.37 cont. Ferny Glen, Dee cont.

Exenterus 2♂♂, 1♀: =

Mesoleius sp. 2♂♂

Lagarotis? large sp. 1♀.

Plectiscus communis ? 2♀♀
P. " ?? 2♂♂

Aperileptus long tarsi 2♀♀ (larger)
A. short tarsi 1♀ (smaller)

Entelechia suspiciosa 1♂.

29th Sept. 1937. A perfect day & all morning in sept. after a dull misty morning, the two previous days having also been fine though dull. Vegetation quite dry for the first time for weeks. [illegible]

2.0 till 5.0 P.M.

Glencullen, Co. Wi., above Enniskerry.

1 = sandy ground in woods on left bank of Cookstown River, up to ½ mile above Enniskerry.

2 = shady clearings in wood on right bank of river opposite ruined house: top edge of wood.

51 labelled Glencullen Co. Wi. AWS. 29.9.37 Sept 1939.

Apanteles cinnamomeus? 1♀ at 1.

Meteorus punctiventris? 1♀ at 1.

Blacus ambulans. 3♀♀ at 1

Diospilus oleraceus 2♂♂ (1 left) at 2

Opius tigerus? 1♂?♀ (only Opius taken!) at 1.

Alysia sp.? 1♀, long terebra, at 1: this might possibly be the unknown ♀ of A. lucia Hal. but if not it must be new to science! AWS 1939.

Aspilota (Dinotrema?) fulvicornis 1♂ at 1 (I think undoubtedly this sp.? note the club-shaped hind femora) AWS. 30.9.39.

A. praecipua 1♀ at 1. A. fuscicornis 1♂, & ? 1 larger ♀, at 1.

A. [illegible]? 1 very small ♀ at 1. A. sylvatica? 1 small ♀ & 1 larger ♀ at 2,

A. vulgaris m. 1♀ at 2. A. minutissima m. 1♀ at 2

A. sp.? 1♂ at 2. A. sp.? another ♂ at 2

A. (Synaldis) distracta 1♀ at 1. A. (S.) concolor? 1♀ at 2, testaceous legs!

29.9.37 cont Glencullen, Wi., cont.

Dacnusa stramineipes 1♂, 5♀♀ at 1 (♂ & 3♀♀ kept).

D. areolaris frequent, only ♀♀. D. pubescens 1 or 2 ♀♀, 1♂.

D. longiradialis several from ♀♀.

D. elegantula, 1♀ at 2. D. gilvipes ♂ at 1

D. abdita 2♀♀ at 2 (1 kept)

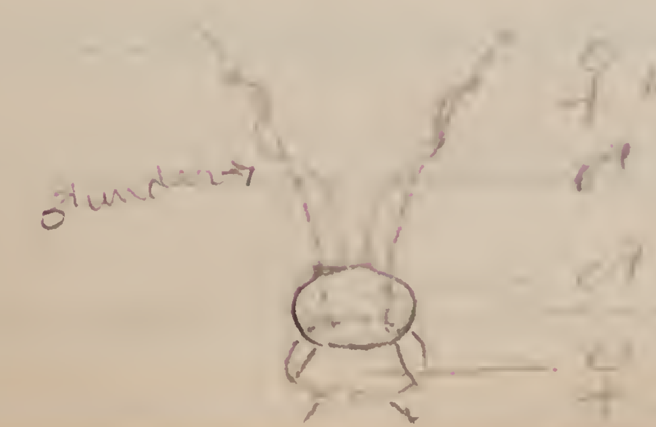
D. sp.? near affinis 1♀, at 1, with [illegible] = I think certainly only a freak of D. affinis! AWS. 1939.

Ephedrus validus 1 small ♀ at 1

[Aphidius: none seen at all].

Proctos. abundant, but nearly all sent to B.M. Besides the pair referred to below only 3 prs & 2 kept: sep. 137 →

[On return home saw ♂ & ♀ Serphid, bagged up with old bags, Enniskerry, but not in cop. Male stood on her back & while she held her antennae forward & stiff, slightly apart, he alternately wound his round hers in a spiral manner from beneath, & after going round a [illegible] fashion, [illegible] round them.



♀ antennae straight! ♂ twisted round hers from below!]

♂ & ♀ most probably those seen courting, sent to Nixon for examination & returned 1938

=

P.T.O.

29. 9. 37 cont. Glencullen, Wi, cont.

Hemiteles [illegible] 1♂ at 1; 1♀ at 2
Cryptid ♂ at 2 =
" ♀ at 2 =
Stenomacrus rufipes? 2♂♂ at 1.
S. palustris? 1♂ at 1. cf brevitibia [illegible]
S. rufipes? ♂ at 2. S. [illegible] 1♀ at 2
Orthocentrus sp.? 1♀ at 1 } ?? same species?
O. " 1♂ at 1

Gonotypus melanostoma Th. 2♀♀ at 1
Campoplegid ♂ at 2; cf Cymodusa leucocera var. with no areolet: compare with specimen from Athy, KD. named by J. F. P.
Thersilochus or Diaparsis? 1♀ at 1.

Plectiscus 1♂ at 2.
Proclitus comes Hal. 1♀ at 1
P. praetor Hal. 1♀ at 1.

29 9 37 cont Glencullen, Co. Wi., cont.
Proctos. "microps rubi Hal." 1 at 1 =
2 Proctotrupinae also from 1 =

3 nr. Conostigmus, 2 wingless (?♀), 1 winged (?♂) at 2, mt. on same card.
=

Cynipid: brachypterous 1 at 2.

3rd Oct 1937. After midday all sunny & a perfect autumn day, but much rain on 30th Sept & 2nd Oct & the [illegible] gave a skiff of rain at breakfast time left the vegetation far too wet to sweep except in a few places.

Drove via Dunboyne to Summerhill — Agher — Longwood to the Boyne Aqueduct, where Royal Canal & railway crosses the River Boyne, then home via Enfield & Maynooth.

Stopped to collect at three places: —
1. Plantation belt on N. side of road between Mullagh & Kilmore, E. of Summerhill, Co. Meath.
2. Plantation at Rahinstown House, W. of Agher Cross Rds., Co. Meath.
3. Canal, & fields below, Boyne Aqueduct, Co. Mth.

3/10/37 cont.
Plantation belt N. of road, E. of Summerhill, ME.
[1st day after summer time] 11.30 - 12.30 p.m.

SUMMERHILL
ME. A.W.S.
3 10 37

[13 specimens only kept & these labelled 2/10/37, with the new home-printing outfit. A.W.S.]

Atractodes cf. tenuipes Th. 2

Stenomacrus sp. ? (near ochripes Hg.) 1♂.

Phaenocarpa conspurcator & picinervis ♂♂, both common.

Blacus humilis 1♂.

Opius caesus 1♀

Phaenocarpa conspurcator & picinervis ♂♂, latter common (none kept).
Aspilota sylvatica? 1♀, 20 seg. ant.
A. rubripes m. 2♂♂, 1♀.
A. (Synaldis) concolor? 1♂.

Ametria uliginosa 1♀.

"
Trioxys auctus 1♀.

3/10/37 cont.
Plantation belt by road, Rahinstown House, ¼ mile N. of Agher Cross Rds., Co. ME. 1 [illegible]
Phaeogenini. gen. et sp.? [illegible]
Hemiteles sp. 1♀.
[illegible] [illegible], [illegible], [illegible]

labelled [illegible] Rahinstown ME. [3.10.37 / 2.10.37]

Stenomacrus sp. cf. [illegible] 1♀

Aperileptus albipalpus ♀

[illegible] [illegible] ? 1♀

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3.10.37 cont. [illegible] NE end

1 [illegible] [illegible] 1♂ 1♀.

Opius [illegible] 1♀

[illegible] [illegible] [illegible] [illegible]

Aphidius [illegible] ([illegible] 1943) 2♀♀ (Paratypes!): one sent to Nixon in Oct 1943.
[illegible] ~~[illegible]~~ 1♂ = [illegible] [illegible]
A. [illegible] ? 1♂ (22 seg. ant.)
A. [illegible] ? 2♂♂ (15 & 19 seg. ant.)
[illegible] ? [illegible] 14 seg. ant.
A. [illegible] ? 1♀ with 17 seg. ant.
A. [illegible] ? 2♀, with 14 seg. ant.
A. ([illegible]) [illegible] 1♀ (20 seg. ant.)
A. (S.) [illegible] ♂ as above!

[illegible] [illegible] [illegible], [illegible] 22 seg. ant. 1♀

Aphidius 1♀

Praon : =

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3 10 37 cont.

Bank of Royal Canal, marsh & fields W. of [illegible], at the Aqueduct, Co. Meath. 3.45–4.30 P.M.

[illegible] [illegible]
[illegible] [illegible]
3 10 37

[illegible] [illegible]
[illegible] [illegible]
3 10 37

[Only 10 [illegible] kept (then labelled) 9/10/39 [illegible]]

[illegible] [illegible] [illegible] ♀, [illegible] [illegible] [illegible] ? [illegible] [illegible] at the date ?

[illegible] ♀.
[illegible] [illegible] ? 1♂.

[illegible] [illegible] 1♀.

Opius [illegible] ? 1♂

Aphidius [illegible] ? 1♀, 18 seg. ant; [illegible] [illegible]
A. vulgaris ? 1♀, 17 seg. ant.
A. [illegible] ? 1♀, with 14 seg. [illegible] [illegible]

Aphidius sp. 1♂.
Praon of [illegible]. 1 [illegible] [illegible]

Western Trip Oct 6 — 1937.

6 Oct 1937. Left Dublin by car at 9.15 AM & drove to Tullaghan via Summerhill, Killucan, Longford, Boyle & Sligo. After three perfect summer days the morning was dull, rainy in Co. Meath, then again dull & just N. of Boyle [illegible] [illegible] [illegible] [illegible] & [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] & [illegible] [illegible] at Tullaghan [illegible] 11.30 P.M. — [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] at Kinlough!

Stopped to collect in plantation belt N of road, opposite [illegible] Castle, 1½ mile NW. of Killucan, Co. Westmeath, & by roadside N of 'Castle [illegible]', Co. LF.

Plantation belt, opposite [illegible] Castle, Killucan, Co. W.M. 11.30 to 12 noon.

[illegible] [illegible] [illegible] trees, [illegible] dry enough to [illegible].

KILLUCAN W.M. A.W.S. 6 10 37

[illegible] 6 10 37

[Only 8 kept & these labelled ↗ 9.10.39 A.W.S.]

P.T.O. →

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(6th Oct. 1937 cont. W. Killarney, Co. Kerry cont.

Stenomacrus cf. [illegible] 1♀.

Rhyssalus clavator 1♀.

Bracon [illegible] 1♀

Opius [illegible] 1♀.

Aspilota sp. [illegible]? 2♀♀, 20-seg. ant.

Ephedrus lacertosus 1♀.

Ephedrus [illegible] 1♂.

Many others sent to [illegible]

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6th Oct 37 cont.

[illegible] on left side of road, N. of Castle Forbes, Co. Longford, 11 a.m. [illegible]

CASTLE FORBES
LF A.W.S.
6 10 37

CASTLE FORBES
LF A.W.S.
6 10 37

[18 specimens only kept & these labelled 10/1/38. A.W.S.]

Hemiteles sp. 1♀, 22 seg. ant.
? sp. 1♀, 26 seg. ant.

Stenomacrus (? [illegible]) 2♀♀ (on one card), 23-seg. ant.
[illegible]
Rhyssalus [illegible] 1♀
Bracon [illegible] ♂ + also ♀ ([illegible]), [illegible] seg. ant.
? ♂, with 21-seg. ant.
Spathius? 1♂, with 42-seg. ant.
Diaspasma? [illegible] 1♀, with red femora & 32-seg. antennae
Opius [illegible] 1♀.
Aspilota cf. [illegible]? 1♀, 15 seg. ant.
A. [illegible] 1♀, 18 seg. ant.
A.(?) [illegible]? 1♀, 16 seg. ant.
Dacnusa [illegible] 1♀, 22 seg. ant.
Aphidius [illegible] 1♂, 16-seg. ant.

Roclo. 2 =

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7th Oct 1937. Very mild, with a very damp but no rain, though everything dripping.
Sweeping, 11.30 – 1.0 P.M. collected with net, at (1) = bank of stream in stack yard at the Coolarmy, Lodge, Tullaghan Co. LE, & at (2) = north & west side of 'hayfield' in front of house.

7.10.37 A.M.
The Lodge, Tullaghan, Co. LE.
(1). Taken with sweeper off leaves of Bur-marigold, &c, by stream in stack-yard.
(2) Taken with sweeper off leaves of Sycamore, Ash, &c., along E & N sides of 'hayfield' in front of house, esp. with N.E. corner.

[Only 11 kept & these all from 1; labelled Tullaghan, 7.10.37 A.M. A.W.S. 11.10.1939.]

Stenomacrus rufus? 6 very small ♀, [illegible]

Homocidus pulchellus 1♀, rather dark [illegible]

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7.10.37, A.M. contd. Tullaghan, LE. Station 1, cont.

Blastus sp.? 6 small ♀ very like humilis, but with short stout (13-seg.) antennae, the apical segment being rather larger than the others in proportion. This species will unravel other ♀♀ included in my series of humilis, two of which I have now put beside the present ♀. A.W.S. 11/10/39.

Aspilota sp. near ruficornis, but ? distinct
2 ♂♂, respectively with 17 & 18 seg. antennae, & 1♀ with 16-seg. antennae, with petiole, head very [illegible] temple.
? same sp. as ♀ found by placed under ruficornis.
♂♂ very like fuscicornis, but must go with ♀ which is certainly not fuscicornis! A.W.S. 11/10/39.
= rufata, Sp. 7. : differs from cynipsides in its polished propodeum! A.W.S. [illegible]
= fuscicornis Hal.? A.W.S. 1945.

G. vulgaris? 2 ♂♂ with 19- & "20+"-antennae.
= fuscicornis of late period! A.W.S. 1964

G. circulator? 1♀, with 16-seg. ant.

Trioxys acaris? 1♀.

Procto. 1♂, very small ? Exallonyx sp.

7/10/39. A.M. cont. Lodge, Tullaghan, L.E. cont.

7/10/39. Afternoon (P.M.)

Coast N. of Tullaghan village, Co. L.E.

Labelled "Shore Tullaghan 7.10.39. P.M."

1) Taken with numbers of [illegible] of [illegible], a [illegible] [illegible] [illegible] sand [illegible] [illegible] about [illegible] N.W. of R.C. Chapel

Labelled "Sea-weed"

& (2) Taken at pile of rotting sea-weed at same place.

[5 from 1 & 3 from 2, labelled 12/10/39. A.W.S.]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] at 2.

Aspilota ruficornis ♂ at 1; [illegible] [illegible]

Pentapleura (pumilio ?) 1 very small ♀ at 1, {antennae rather too slender & long & 2nd cubital cell too long: ? fresh or another species A.W.S. 12/10/39}

[illegible] [illegible] 1 ♀ at 1.

[illegible] [illegible] ? 1 ♀ at 1.

Exallonyx very, very small ♂ at 1.

" " very, very small ♀ at 2.

Chalcids: 2 very small specimens on sea-weed pile at 2 =

8th Oct. 1937. A dull fine day, rather threatening at times but no rain, at least no [illegible], easterly wind, but very mild in shelter & a fair [illegible] [illegible] for [illegible]. In forenoon walked (but did not collect) the coast & down by the Duff River & main Sligo rd., then collected in hayfield in front of the Lodge, Tullaghan, LE, on one single Sycamore for 15 minutes (this = Tullaghan, 8.10.37 A.M.). In afternoon drove to Tranalina, Co. SL., where collected by sweeping & with net along old track & (? fen) in furze and ditch, later after afternoon tea collected for [illegible] an hour in front field with sweeps (this = Tullaghan, 8.10.37, P.M.

On lower shoots of Sycamore at E. end of front hay field, the Lodge, Tullaghan, Co. LE. 1.20 – 1.35 P.M.

[[illegible] of [illegible] & [illegible] [illegible] [Tullaghan LE [illegible] 8.10.37. AM.] on [illegible] [illegible]]

8.10.37 A.M. Tullaghan, LE, cont.

Cratichneumon [illegible] ♂?, 1♀; [illegible]

[illegible] 1♀ [illegible]

[illegible] [illegible]

[illegible] 1♀

[illegible] [illegible] 1♂, [illegible] 28, [illegible]

O. [illegible] 1♂, 28 sq. cut.
O. [illegible] 1♀, 32 sq. cut.

[illegible] intermedia? 1♂, 30 sq. cut.

[illegible]anthus? 1♂, 21 sq. cut.

8.10.37, afternoon, 3.15 till 4.20 PM.
Sweeping &c., at [illegible], at S. end of plantation, S. of [illegible] Barn [illegible], below [illegible], Co. SL., along old track to sea.

[32 labelled 15/10/39 & some previously! AWS 15/10/39]

[illegible] 1 ♀.
P. [illegible] 1 ♀.
Leptopygus [illegible] 2♂, 1♀; late for the species (?)
[illegible] ♀ [illegible]
[illegible] 1 ♀ [illegible]
[illegible]
[illegible] humeralis 1 ♀.

Blacus ruficornis ♀♀ [illegible].
B. compar 2♂♂, 5♀♀, kept.

Opius [illegible] 1 ♀.

8.10.37 cont. [illegible], SL., cont.

Zele discolor 1 ♀.

[illegible] 1♂, [illegible]
[illegible] 2 ♀♀, [illegible] antennae,
but head not [illegible] the type though I think
the same species. A.W.S. 15/10/39.
[illegible] 1 ♀ (like [illegible], but [illegible] longer antennae).
[illegible] 1♂ [illegible].
Adelura [illegible] 1 ♀ (not kept).
Dacnusa lateralis 1 fine ♀. D. [illegible] 1♂.
D. pectoralis 1 ♀ D. [illegible] 1♂.

Ephedrus [illegible] 1 ♀.
[illegible] 5 =

[illegible]
[illegible] =

8.10.37, P.M. E. side of hayfield in front of the Lodge, Tullaghan, Co. [illegible] LE / 5.15 till 6.15 P.M. Rain almost too dark to collect. All taken with sweep a mouth of Sycamore Lane, on Fir.

[24 Sept only & those labelled 17/9/37 A.M.]

Diptera Nematocera = Mycetophilid, Glaphyroptera fascipennis Mg.

Platylabus vibratorius 1♀.

Phygadeuon 1♀, 22 segmented antennae, of which segments 4 & 5 are longer than 3 =

Polyblastus [illegible] 1♂

Hemiteles pallipes 1♂

H. [illegible] 1♂

Stenomacrus sylvaticus? 1♂, with 18 seg antennae, the yellow face patch with black dot: colour seems characteristic.

S. [illegible] ? 3♂♂, 24, 26 & 27 segmented antennae.

8.10.37, P.M. The Lodge, Tullaghan, LE., contd.

Exochilum(?), Gelis sp.?, 1♂?, black, legs & face antennae partly testaceous-red, abdomen black, segments 2, 3 & 4 testaceous yellowish: identical with specimen taken by Shore, Tullaghan, LE, on 26.6.1936 / 18.10.1937 O.W.S.

=

Mesochorus 1♀.

Proctotrupes cf. [illegible]? 2♀♀ [illegible] 1♀.

Mesoleius sp.? 1♂, 1♀, 3 same genus.

Helictes borealis? 1♂.

Bassus sp. near [illegible] but with larger [illegible] & longer & slender antennae (27-segmented). 1♀ =

Blacus ruficornis 1♂.

B. trivialis 1♂.

Alysia tipulae? 1♂.

Aspilota vulgaris [illegible] 1♀.

Procto. 1 =

156. 9th Oct 1937.

A perfect day after 11 AM., all sunny after 12.30 noon, gentle E. wind; after a dewy night & misty morning.

In forenoon drove through Kinlough along road S. of L. Melvin & left car below "Aghadunvane", climbed up the main slip on N. face of "Hill 1720", which Miss Tecla calls "The Gleanane", where many nice "alpines" (Sedum Rhodiola, Saxifraga hypnoides (large leaved var.), S. aizoides (still in flower), S. oppositifolia, & a curious willow (= phylicifolia) (pt. B. mottle) 2 ft high), + Salix repens &c. &c. Asplenium viride very common. Here took only one hymenopteron (= [illegible]? not seen when labelling 18/10/39 AWS.)

marked "Dartry" on 6" Ord. map

After lunch spent 20 minutes sweeping in hayfield in front of the Lodge, Tullaghan & later spent 1½ hours on shore just E of Bundrowes, Co. ED, where found nothing under sea-weed, but very many common species at thistles (C. arvensis).

R. C. Faris & Miss G. M. Cole of Carne joined the party this afternoon for a week

+ This willow grown in my garden 1963 is the Type of Salix hibernica Rech. which specimen is in Vienna (Nat. Mus.) AWS. 1964.

157.

9.10.37 cont.

Hayfield in front of the Lodge, Tullaghan, Co. Le.

[24 Sept + these labelled 19/10/39. AWS.] 2.30 - 2.50 P.M.

Hemiteles 1♂. Pezomachus [illegible] ♂.

Helictes borealis? 1♂. Stenomacrus [illegible] 1♀.

Hemiteles elegans 1♀. [illegible] 1♀ 2♂♂.

Microctonus lateralis 1♀ (v. AWS 24/10/1939!)

Blacus ruficornis 1♀.

Opius caesus 2♀♀.

Aspilota rufata? 1♂ [illegible] the smaller)

A. [illegible]? 1♂; ? a small specimen of 2nd brood.

A. [illegible] 1♂

A. (Synaldis) [illegible]? 2♂♂

Dacnusa [illegible] 1♀.

? sinuffa? 1♂, very small, [illegible] (?), with only 20 seg. antennae.

Aphidius 1♂.

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9.10.37 cont.
Shore, just above high-tide level, just N of Bundrowse, Co. ED.

BUNDROWSE
ED. A.W.S.
9 10 37

All taken with 'sweeper' at or around [illegible] (E. [illegible]). [24 [illegible] + these labelled 22/10/1939 A.W.S.]

Acanthocryptus quadrispinosus 1♂. [illegible] [illegible] [illegible]
Stenomacrus cf. [illegible] 1♂, 23-seg. antennae
St. cf. [illegible] 3♂♂, 22-seg. ant.
St. [illegible] ? 2♂♂, 27-seg. ant.

[illegible] ♀ 3♂♂ 1♀.
[illegible] 1♀.
Blacus ruficornis 1♂. [illegible] capito 1♀
[illegible] 2♀ [illegible] [illegible], but [illegible] [illegible] [illegible]!
Aspilota nigrescens ? 2♂♂, 2nd brood
A. ruficornis 1♀ rather [illegible] [illegible]
A. (Synaldis) 1♂
A. (S.) 1♀
[illegible] [illegible] 2♂♂
Proctos. 2
=

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10th Oct. 1937. A perfect autumn day, very [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], but [illegible] [illegible] [illegible] [illegible] afternoon [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sunset. [Ceremony?]
[illegible] [illegible] morning [illegible] [illegible] [illegible] in the [illegible] at Fraserburgh, ED. & in afternoon an [illegible] on [illegible] side of [illegible] [illegible] & [illegible] [illegible]. Did no serious collecting.

[Kept 15 & these labelled 22/10/39. A.W.S.]

11.30 – 12.30 noon
Sweeping between [illegible] old school & [illegible] [illegible] at Bundrowse, Co. ED. Swept in dunes.
Myrmica scabrinodis 1 winged ♀, swept – very late date!
Cryptus 1♀ = [illegible] 1
Pezomachus 1♀ [illegible] [illegible] ? 1♀.
[illegible] ? 1♀ [illegible] ? 3♀♀
[illegible] [illegible] 1 [illegible]
Alloxysta [illegible] 1 fully winged ♀. Aspilota [illegible] 1♂
Proctos [illegible], including a ♀ of Cryptoserphus [illegible] identified by A.W.S. & subsequently verified by Nixon in his letter of 19.5.1942. A.W.S.

10/10/37 aft. 3.0 till 4.0 P.M.
Right bank of River Duff & south E. of [illegible], Co. L.E.

Saxifraga hypnoides found by M.D.S. growing amongst boulders at foot of stone bank about ½ mile E. of R. Duff. [Thought I saw labelled on 24/10/39 E.N.C.] [illegible]

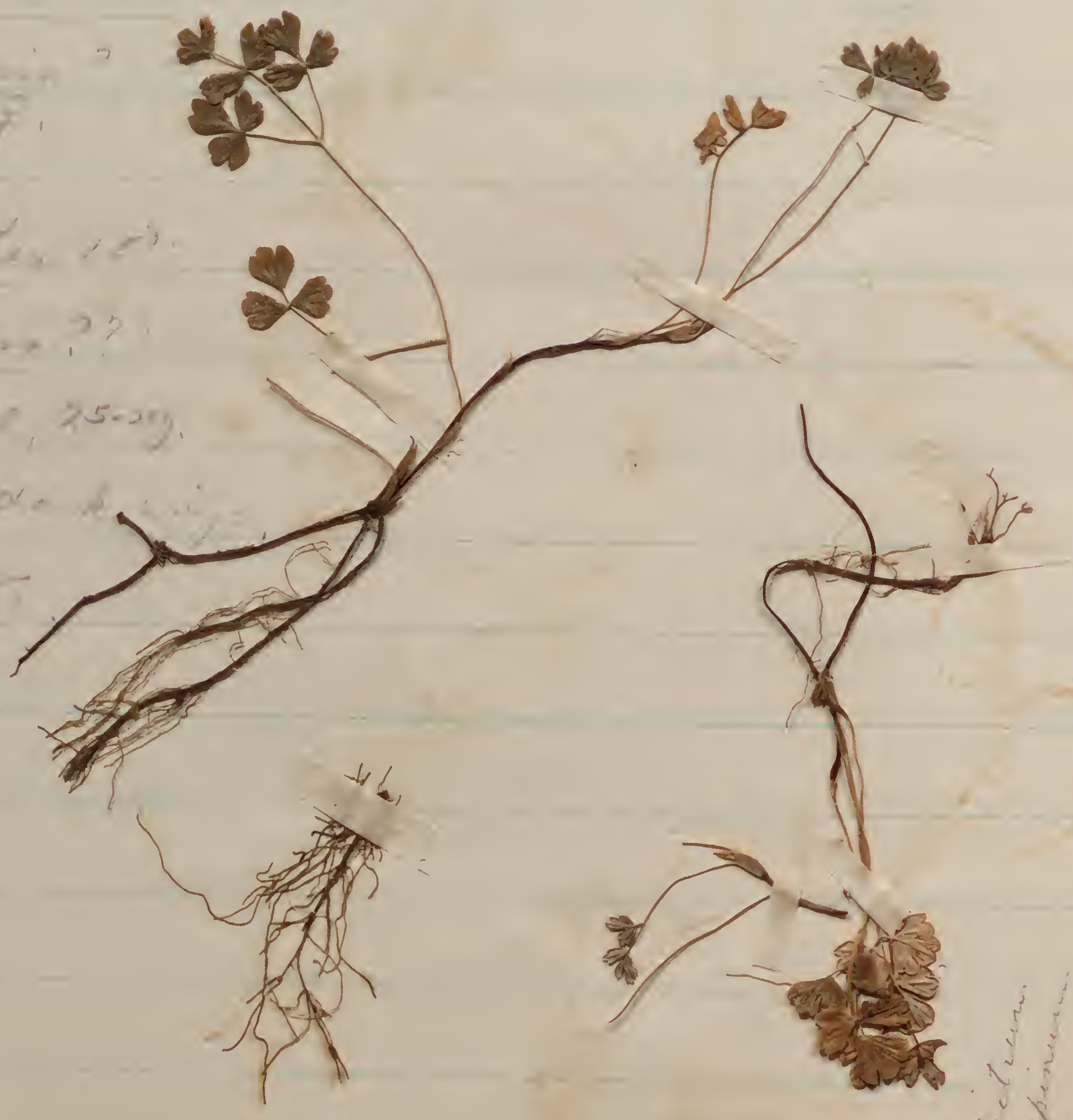
Bombus muscorum (fresh ♂♂ or ♀?) reported by R.C. Faris

Pogonochaerus 1 ♂
Rhinocerapa autumnalis 1 ♂
Aphilota [illegible] ?
very small ♀.

Dacnusa testacea 1 ♂.
Loctrix (uliginosa??)
1 ♂, very small, 25-29,
no [illegible], very dark [illegible]
[illegible]

Rocks 1 =

Cz rufipes 1.



Thalictrum alpinum
Annacoona, SL.
11/10/1937

11th Oct. 1937. A glorious day!
Drove up Glenniff, Co. Sl., to school at foot of Annacoona, with R.C. Faris & Miss Jean Cole of Cavan; then walked up E. end of cliffs & to summit of Annacoona & on to head of great gully between Annacoona & "Dermot & Grania's Bed". Worked top of cliff for Saxifraga nivalis without success, but saw lots of S. × hypnoides, S. aizoides, S. oppositifolia (not in flower!), Thalictrum alpinum (plenty on the rim), Arenaria ciliata, Arabis hirsuta & Draba incana, Poa alpina, Carex rigida, &c. Summit covered with Empetrum nigrum, &c. Also Asplenium viride, A. ruta-muraria, Cochlearia alpina, Galium sylvestre, Sedum roseum,

Helix nemoralis, the very large, heavy, high-spired variety with white lipped, 00000; no banded specimens seen. These nemoralis were seen here by me in June '40 & [illegible].
Clausilia bidentata – 1930 ft, Hygromia hispida also seen abundant at summit.

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11/10/37 cont. Gleniff & Annacoona, Co. SL, cont.

A few minutes only on way up, but [illegible] taken [illegible] in semi-corrie on E. side of summit at about 1500 feet.

[Checked & then labelled [illegible] 11.10.37 26/10/1939 A.W.S.]

[illegible] [illegible] ♀.

Cryphaea [illegible] c.fr.

[illegible] [illegible] & [illegible] ♀

[illegible] [illegible] ♀

[illegible] [illegible] [illegible] ♀, [illegible]

[illegible] [illegible] ♀

[illegible] [illegible] ♀

[illegible] [illegible] ♀

[illegible] [illegible] ♀

[illegible] vulgaris ♀

[illegible] [illegible] c.fr.

[illegible] [illegible] c.fr.

[illegible] =

12th Oct 1937. A gorgeous morning, with very hot sun & gentle E. breeze, but afternoon dull & cloudy.

Spent 2 hours at Travalua, Co. SL, in morning, [illegible] [illegible] [illegible], but for [illegible]. In afternoon drove up S. side of Lough Gill & walked up road to Gleniff, by Glencar, [illegible] [illegible] very fine glen draining N side [illegible].

[illegible] [illegible] & then labelled [illegible] 1939. A.W.S.]

Sand, [illegible], at Travalua, Co. SL. 11 AM till 1 PM

[illegible] [illegible] [illegible] [illegible] by R. [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] in 1933 & 1936. Very [illegible] & [illegible] [illegible]

[illegible] [illegible], ♀, [illegible]

[illegible] ♀ [illegible] ♀

[illegible] c.fr.

[illegible] [illegible] ♀ [illegible] [illegible] [illegible]

[illegible] [illegible] ♀. [illegible] [illegible] c.fr.

[illegible] cognatum c.fr. [illegible] [illegible] c.fr.

[illegible] [illegible] [illegible] ♀. [illegible] [illegible] c.fr.

[illegible] ♀

[illegible] ♀

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

12.10.37 contd. [illegible], [illegible], [illegible].

[illegible] [illegible] 1 [illegible] 1♀.

[illegible] [illegible] 2♂ [illegible] [illegible] [illegible] wings.

B. [illegible] 1♂ very beautiful [illegible], 2 ♀♀.

[illegible] [illegible] 1♀.

[illegible] [illegible] 1♂

[illegible] [illegible] ? 20♂, 18 [illegible]. G. [illegible] ? ♀♀, 20 [illegible].

G. [illegible] ? 12♂, 22 [illegible]. A. S. [illegible] ? ♀, 12 [illegible].

[illegible] [illegible] ? 1♂ [illegible] 25 [illegible].

D. affinis 1♀, 23 [illegible], [illegible] [illegible]

Aphididae 20♂♂, 20 [illegible] 1♀, 16 [illegible].

=

Proctor. 4 =

[illegible] a [illegible], beautiful [illegible], c. 2 mm long, with [illegible] wings & [illegible] white [illegible] segments of antennae.

=

12.10.37 afternoon 2.30 till [illegible]

[illegible], S. [illegible] [illegible], [illegible].

[illegible] [illegible] [illegible] [illegible] [illegible].

[Only 6 kept & those labelled [illegible] [illegible] ANS 12.10.37. [illegible] 27/10/37 ANS]

[illegible] [illegible] [illegible] 1♀, [illegible] [illegible].

[illegible] [illegible] 1♀

[illegible] [illegible] 1♀

[illegible] [illegible] ? 20♂, [illegible] with red patches, [illegible] [illegible]. Note [illegible] eyes large & round, [illegible] [illegible] [illegible].

[illegible] [illegible] ? 1♀, [illegible] head [illegible] [illegible] [illegible] & [illegible].

[illegible] [illegible] [illegible] 1♀.

13th Oct 1927. A wet day with slight [illegible] in the afternoon, SW. [illegible] approaching [illegible].

Drove to see N. end of Glenade Lough (on old road) & ascended to cliffs & slopes [illegible]. Did not see [illegible] station for [illegible] above the [illegible] but we did see Holly fern in great abundance, Saxifraga hypnoides, & "[illegible]" [illegible], Sax. hypnoides & S. oppositifolia, Silene [illegible], & [illegible] Cochlearia [illegible], [illegible] & 13 [illegible] Silene acaulis, Draba incana, [illegible], Sedum roseum, &c.

The top [illegible] of [illegible] with [illegible] insects also taken, [illegible] road 500 ft & up to about 1,100 ft below cliffs. Metoecus abdominator ♀ taken by R.C. Faris on Sax. hypnoides at about 400 ft. alt.

13/10/27 cont. Glenade, Co. LE. cont.

Hemiptera [illegible]

[illegible] [illegible] 1, a reddish var.

[illegible] [illegible]

Metoecus abdominator ♀ taken by R.C. Faris at foot of main cliffs at about 1000 ft alt. [illegible]

[illegible] [illegible] 1♂

[illegible] 2 =

14th Oct 1927. Stormy, with showers of rain from S.W. all day. In morning [illegible] [illegible] by streams & in old garden [illegible] at the Lodge, Tullyskeherny, Co. LE. In afternoon drove to Kinlough & ascended to cliffs on N face of hill (= Dartry of 6" Ord. map) 1,320 [illegible]. There saw lots of Sax. oppositifolia & other species on the cliff. No insects taken in afternoon.

14.10.37 cont.
Garden [illegible] of Lodge, [illegible] [illegible]
Collected [illegible] [illegible] about rubbish-heap,
in compost, [illegible] bordered by stream. 12.45-1.30
noon.

[Only [illegible] [illegible] & these labelled [illegible] on 1/11/39 A.W.S.]

[illegible] ♀

Atractodes bicolor, 1♀, less hairy [illegible], but quite [illegible] long. A.W.S. 1.11.1939.
[illegible] [illegible] 1♂
[illegible] merula 20 [illegible] seg. antennae
S. also merula 1♂, 16 seg. ant., but larger than last.
[illegible] 1♂, black 19 seg. ant.
P. 1♂, 2♀♀, [illegible] 20 & 19 seg antennae, respectively.

[illegible] [illegible] 1♂
[illegible] [illegible] ?? 1♂, 22 seg ant., [illegible] [illegible] large, [illegible]

[illegible] [illegible]? ♀, 23 seg ant., [illegible] [illegible] [illegible],
larger than ♀ of [illegible] [illegible] & [illegible] [illegible] towards
base & not [illegible] [illegible] width throughout. A.W.S. 1/11/39.

with [illegible] of [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Beside the [illegible] of the road [illegible] by Dooney Rock, [illegible] & [illegible]. [illegible] at Dooney Rock, & [illegible] by [illegible] [illegible] [illegible] & on lake shore; also stopped ½ hr at L. Colgagh [illegible] [illegible] [illegible], but only 2 [illegible] taken there.

In the late afternoon [illegible] [illegible] side of [illegible] [illegible] field at the Lodge, Tullaghan.

Rendered [illegible] & [illegible] [illegible] [illegible]. [illegible], & lake shore & wood at Dooney Rock, Co. Sl. (L. Gill). 12.30 till 4.0 P.M.

[1 ♀ taken by A.W.S. + 2 taken by R.C. Faris, kept, then labelled L. Gill / SL / 15.10.37 A.W.S. 3 Nov 1939.]

Hemiteles 1 ♀, long-bodied (R.C. Faris).

Pezomachus 1 ♀

Stenomacrus cubiceps? 2 ♀♀.

S. [illegible] 1 ♀.

Polyblastus cf. marginatus Hgr. ♂ (R.C. Faris).

15/10/37 cont. L. Gill, Sl. cont.

Plectiscus [illegible] 1 ♂. P. [illegible] 1 ♀.

Aperileptus [illegible] 1 ♀

Opius [illegible]? 1 ♀

Alysia [illegible], 2 [illegible] ♀♀.

Adelurus [illegible] 1 very small ♂

Aspilota [illegible]? 1 ♂, [illegible]-seg. ant., rather [illegible].

A. [illegible] 1 ♂, 22-seg. ant. A. sylvatica? [illegible]-seg. ant.

A. macrops, Type! ♀, n. sp. see below.

Dacnusa [illegible] 1 ♀.

D. [illegible]?? 1 very small ♀, 20-seg. ant., [illegible].

D. [illegible] 1 ♀, mutilated!

Proct. [illegible], 3-[illegible] antennae.

Aspilota macrops n. sp. Head short, very wide, slightly [illegible] behind the eyes, but not [illegible] by eyes [illegible] [illegible]; [illegible] as long as [illegible] [illegible] from above; [illegible] about ½ as long as abdomen. Antennae slender, longer than body, 25-segmented, but [illegible] long & not [illegible] & [illegible] [illegible]. A.W.S. 3 Nov. 1939.

15.10.37 cont. S. shore of L. Colgagh, Co. Sl. 3.30-4.0 PM

[2 kept & then labelled [illegible] [illegible]].

Stenomacrus [illegible]? 1 ♂.

[illegible] [illegible] ♀

15.10.27 Afternoon 5.30 – till dark, 6.30 P.M.
S & W sweeping of front hay-field, the Lodge,
Tullaghan, Co. LE.
[17 Hett. & Hem. labelled 4/1/39 A.W.S.]

Phaeogenes ? sp. ? 1♀; (? var. of impiger Wesm.)
[illegible] 1♂, singleton.
Promethes pulchellus 1 dark ♂.
Bassus rufipes 2♀, rather short wings.
B. tricinctus 1♀, with reddish base to antennae.
B. humilis ? 1♀. Opius [illegible] 2♂♀.
Phaenocarpa [illegible] Hal.? 1 smaller ♀
with a narrow areole.

Aspilota vulgaris ? small ♀.

Dacnusa areolaris 1♀, rather dark legs
D. [illegible] ? 1♀, with not quite typical neuration
D. maculipes 2♂♀

Proctos. 2.

16th Oct. 1927. Except for a shower of rain at 11.30 A.M. weather fine & sunny, but rather cool, with fresh S.W. wind.

Walked along coast in morning, but collected, with water, round rabbit-trap in garden at the Lodge, where 2 Aspilota seen coming up in dozens when a burst of sun warmed the air after rain cleared.

In afternoon saw Dr. [illegible] & Miss Cole off at Bundoran & then drove to Kinlough, where swept roads E. of village for an hour.

Rabbit-trap in garden at the Lodge,
Tullaghan, Co. LE. 1 – 1.30 P.M.
Aspilota vulgaris ? ♂♂, very common. [only 6 specimens kept & these labelled 5/11/39 AWS]
[illegible]
Stenomacrus [illegible] 1♂, [illegible]
Phygadeuon ? [illegible]

Procto. 1

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[23 kept only, others labelled 6.11.39 A.W.S.]

16.10.37 cont. 3.0 till 4.0 P.M.

Woods east of Kinlough, Co. LE.

[illegible] [illegible] 1♂ very red legs; very late date.

Hemiteles [illegible] [illegible] [illegible] [illegible] [illegible] ♀, but [illegible] ♂, but certainly [illegible] [illegible] [illegible]

Phaenocarpa [illegible] ? 1♀. → S. [illegible] ? 1♂ A.W.S. 6.11.39

Rhinotherus [illegible] 1♀. Plectiscus 1♀.

Catolaccus [illegible] 1♂

Opius [illegible], smaller ♀ 2.0 mm not.

O. [illegible] [illegible] [illegible] mm. [illegible]

O. 1♀ [illegible] [illegible] [illegible] [illegible] 2.2 mm.

Meteorus pulator 1♀. Phaenocarpa picinervis 1♂

[illegible] [illegible] 1♂.

Aspilota ruficornis (? [illegible]). 3 [illegible], [illegible] [illegible] mm not. [illegible] ♀ [illegible] 1.5 mm not.

C. [illegible] ? 1♀ [illegible] 1.7 mm not.

Dacnusa ♀, small black ♀, [illegible], [illegible], 2.2 mm [illegible] [illegible] [illegible] (Labelled Oct 1938 A.W.S.)

Proctos. 5 (3 Exallonyx, 2 [illegible] [illegible])

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24 Oct. 1937 (Sunday). Bright & dry, as 16th.

With Mr. Foster & M.E.S. in car which walked over to Finner dunes [illegible] [illegible] [illegible]; [illegible] several [illegible] in hollows on edge of cliffs near [illegible], but none except, [illegible] cold wind (SW) kept them [illegible] [illegible].

In early afternoon not [illegible], but [illegible] [illegible] [illegible] until after afternoon tea along cliffs from [illegible] Bundoran & took there very large ♀ of Phaenocarpa conspurcator on cow-pats at dusk (just before 6 P.M.)

Gorse at Finner, Co. FD. 11.30–12.30 noon.

Bombus lucorum & lapidarius ♀♀ frequent on ragwort near road.

[Labelled 8/12/39. A.W.S.]

Blacus ruficornis? 1♂, very small & dark!!

Alloea contracta 1♀, [illegible] rather short.

Aspilota grandiceps? 1♀, 2.1 mm not; ? a small specimen of this species; [illegible] [illegible] [illegible] [illegible] [illegible], mandibles [illegible] [illegible]! A.W.S. 8.12.1939.

Coast SW of Tullaghan, Co. LE. 5.30–6.30 P.M.

Phaenocarpa conspurcator 3 large ♀♀ (not on same [illegible]) taken with [illegible] off a cow pat (probably several days old?) on path along edge of cliffs.

[Labelled 8/11/39 A.W.S.]

18th Oct 1937. A fine day, but dull & with chilly SE wind, till 2.30 PM, then sunny & much more genial.

In morning drove north through Ballintra, to Bridgetown & turned inland at "Ballinacuillagh" (according to a name board on the road) & then collected along sides of a nice little glen & stream, about 1 mile N. of Brown Hall. This is promising. Saw much nice ground for future work in Co. DL.

In afternoon drove to Cliffony & once more worked sand at Trawalua, Co. SL.

Stream sides, glen & sheltered pasture field in townland of Ballinacuillagh, Co. DL. 11.30 – 12.30 pm

[32 specimens kept & those labelled 🟩 15/11/39! A.W.S.]

Exephanes occupator? 1 yellow ♂. Acanthocryptus nr. spinosus, 1♂

Pezomachus red & black sp. ♀. P. sp. 1 wingless ♂, small.

P. instabilis ?? 1 very large & elongate ♀, ? this sp.

Promethes scutellaris 1♂, 1♀

Exochus tibialis ? 1♀

18/10/37, A.M. Ballinacuillagh, near Brown Hall, Co. DL, contd.

Mesochorus 1♀

Apanteles fulvipes? 1♀.

Blacus 1♀

Gnamptodon pumilio 1♀.

Opius lugens? 1♀ O. (? same sp. "striate petiole") 1♂

Adelura flammatrix 1♂. Aspilota 1♀.

Dacnusa pubescens 2♂♂, 1♀, rather small

D. maculipes 1♂ D. affinis 1♂, 1♀.

Chaenusa conjungens 1♂.

Aphidius 2♂♂, black legs, 20 seg. ant.

A. sp. n.? 1♂, red legs, 17 seg ant., slender petiole

A. sp. black legs, 17 seg, pale petiole, ? same sp. as last.

Praon abjectum? 1 very small ♂.

Monoctonus caricis? 1♂.

Proctos. 3 (1 brachypterous Platygaster-like!)

18.10.37 afternoon 3.0 till 4.0 P.M.
Swept along old track & cliff N. of camp,
Travalua, G. SL.
[25 specimens kept & then labelled 20.X.37.]

[illegible] [illegible], 1♀.
[illegible] 1♀, near [illegible].

[illegible] 1♀, very small.
[illegible] 1♂.

Promethes scutellaris 1♂

Orthocentrus sp. 1♀.

Stenomacrus sp.? 1♀ 25-seg. ant.

Mesochorus small sp. 1♀.
M. not so small sp. 1♀
Aperileptus sp. 1♂

Microctonus [illegible] ♂♀, 17-seg. ant.

18.10.37 aft. cont. Travalua, SL., cont.
Meteorus 2♂♂.

Blacus [illegible] [illegible] = [illegible] [illegible]. 1♀.

Opius pendulator Th. 2 small ♀♀.

Phaenocarpa rufipes 1 very small ♀.
A. picta 1♀, with 17 seg. ant.

Dacnusa pilosipes 2♂♂, 1♀.
D. [illegible]? 1 small ♂, with only 25-seg. ant., but [illegible]
D. laterris Nees 1♂.
D. sp. [illegible]? [illegible] [illegible]
[illegible] 1 [illegible] [illegible] [illegible]

[illegible] 2♂♂, 20 & 21-seg. ant., dark legs.

Proctos. 2 = .

N.B. 19th Oct follows 20th on p. 182 →

N.B. Specimens taken at [illegible], Co. R[illegible], on 21.10.37 were labelled 20.10.37 by mistake. A.W.S. Sep. 1947

20th Oct 1937. A fine day, [illegible] [illegible] at first, after long rain during the night.

In morning drove to Bundoran, & walked along Rossnowlagh strand to point at N end, but did not collect. In afternoon spent an hour in Castlegal Wood, on Sligo side of R. Duff, but too wet & [illegible] [illegible].

Castlegal Wood on left bank of R. Duff, above Bunduff Bridge, Co. Sligo.
[13 only kept & then labelled 21/10/37 [illegible]]

Proctos: almost all taken with sweep off ivy blossom growing on fallen tree in wood.

Stenomma [illegible] 2♂♂ 1♀ very abundant.
(none kept!)

C. [illegible]? 1♂ 27 [illegible] [illegible]. & 2♀♀, 1♂ 24 [illegible] [illegible].

[illegible] [illegible] 1♀.

Plectiscus communis? 1♀.

[illegible] " 1♀

21.10.37, aft. and. Castlegal Wood, Bunduff
Co. Sl. cont.

Bracon 1♀.

Proctos. 6. =

[20th Oct precedes 19th on p. 180]

19th Oct 1937. In forenoon drove through Ballintra & did some sweeping along N edge of Brown Hall demesne, especially along old drive through wood at top of steep bank above river.

In afternoon again visited Trawalua & swept sward on east side of track from cliffing to the sea.

A fine day but grass wettish in open.

11.0 till 12 noon.

N. edge of Brown Hall demesne (where river to Bridgetown flows under road), near Ballintra, Co. ED.

[20 specimens kept & then labelled | Brown Hall ED AWS 19.10.37 | 18/11/37 A.W.S.]

Pezomachus [illegible] ♂ 2♀♀, one winged, one [illegible].

Hemiteles 1♀.

Rhogas nigricornis? 1♀, a very testaceous form

Opius [illegible]? 1♀

Aspilota [illegible] 1♀ .25 mg wt. A. sp? (?[illegible]) 1♀, .17 mg wt.

A. sp? 1? [illegible] 1♂, .24 mg wt.

19.10.37 contd. Brown Hall, E.D. contd.

Dacnusa [illegible] ♂ D. [illegible] 1♀ D. elegantula 1♀

D. [illegible] 1♀. D. melanocera 1♀

Aphidius [illegible] ? 1♀.

[illegible] ♂ .16 mg wt. A. [illegible] ? 1♂ .13 mg wt.

Proctos. 4 =

19.10.37 aft. Sandhills at Trawalua, Co. Sl., & before.

Hemiteles ♀ only about 2 mm total length.

[illegible] ? ♂ [illegible] ♀ 1♀. [illegible] 1♀

Centrodora ♂ 1♂ Apanteles [illegible] 2♀♀ [illegible]

Blacus [illegible] [illegible] ♀. Opius [illegible] 1♀

Opius geniculatus 1♀. O. apicalis ? 1♂.

Alysia [illegible] [illegible] ♀. Alysia [illegible] 1♀.

Aspilota [illegible] 2♂♂ & 3 [illegible] ♀♀. G (Synaldis) [illegible] 1♀

Dacnusa fulvicornis ? [illegible] ♀♀. D. [illegible] ? 1♀

Aphidius ♂ .10 mg wt

Proctos. 4 =

Chalcid 1 =

RD. For 20th Oct 1937 see p. 180 ante!

— Labelled by mistake 20.10.37 (A.N.S. 33/189).

21st Oct. 1937. Left Tullaghan at 9.20 AM, a beautiful still morning after a dewy night & no sign of rain, though glass falling, with barometer falling & having fallen for three days, just a faint westerly breeze, but not a ripple on any of the lough till midday. Passed under clouds at Collooney & as we approached Newtown Forbes the drift began, which gradually increased to drizzle & eventually thick misty rain, from Longford, all the way to Dublin, there foggy also. After Collooney the wind E. or NE & very slight; much colder than on W coast. Stopped for lunch at E. end of Rockingham estate, Co. Roscommon, & did a little sweeping under trees in angle of roads from Boyle to Cootehall & Carrick-on-Shannon.

Stopped for tea between Mullingar & Kinnegad but of course did not collect owing to rain. Arrived home 4.30 PM to find that it had rained in Dublin since middle of previous day.

— (not labelled by mistake 20.10.37) —

21.10 — eg cont. 11.30 till 12.0 noon

Under trees E. of road at E. end of

Rockingham estate, Co. RO. ✓

[25 specimens kept & then labelled 20 10 37 [illegible]]

[illegible] [illegible] Thor. 1♂.

[illegible] [illegible] ? 1♀. E. of water [illegible] ([illegible])

[illegible] [illegible] ? 1♂. [illegible] [illegible]

Stilpnus gagates ? 1♂, 1♀. Micropeplus [illegible] [illegible]

[illegible] [illegible] [illegible], 1♀ kept

[illegible] [illegible] 1♂. [illegible] 1♂

[illegible] ?? 1♀

[illegible] ? 1♀

[illegible] [illegible] ? 1♂ [illegible]. [illegible] [illegible] ? 1♀.

[illegible] [illegible] 1♂. [illegible] [illegible] 1♀. [illegible] ? [illegible]

[illegible] affinis 1♀.

[illegible] [illegible] 1♂, 1♀ [illegible]. [illegible] [illegible] 1♂ [illegible]

Rodes. 5 =

END OF AUTUMN TRIP, 1937.

24th Oct 1937. A fine evening, [illegible] at night & all next day. Cleared off but sunny, but afternoon drove to N. entrance lodge to [illegible] House, SW of Rathcoole, on DU-KD boundary, then left car & spent 1½ hours investigating the old road on "Windmill Hill" 2 miles SW. of Rathcoole; saw a Small Tortoiseshell butterfly, very tattered, in lane leading N from lodge gate. Both going up & coming back to car, on plants of [illegible] in full flower; many insects, probably all [illegible], including 1 very black ♂ seen, mostly on Ivy blossom; saw ♀ Bombus lucorum [illegible], [illegible] flew away through the [illegible], saw one ♀ Bombus agrorum [illegible] N. side of a mossy bank in "Raspberry Lane" leading from Windmill Hill E. to [illegible] Redgap; also saw or heard several other Bombus, probably the latter species. In "Raspberry Lane" took 1 ♀ Stenomacrus ventralis & 1 very small, very black ♀ Aspilota = A. [illegible] ?
1 ♀ with 14 seg. antennae.

[Labelled | SW. of Rathcoole DU.-KD. 24.10.37 | 28/1/39 A.W.S.]

27th Oct 1937. A perfect afternoon, but [illegible] [illegible] after a clear frosty night, the first real frost of the season, [illegible] during previous couple of days. Insects very plentiful, however, [illegible], [illegible] enough to [illegible] & Stenomacrus ventralis as common as [illegible].

Glenasmole, Co. Dub., 2.30 till 4.30 P.M.
All insects swept along [illegible] house & below that & upper dam, mostly between W path & boundary fence.

[Labels kept & those labelled 28/1/39 at [illegible] A.W.S.]

Dicaelotus ? 1♀. [illegible]
Pezomachus [illegible]? 1♂. [illegible] 2♀♀ [illegible]
P. sp.? 1♀♀ 19-seg ant. P. sp. larger 1♀, 20 seg. ant.
Hemiteles ? 1♀, 19 seg ant. H.? larger, 1♀, 20 seg. ant.
H. ?? 1♀, 20 seg. ant. [illegible]
[illegible] 1♀
Stilpnus gagates? 2♀♀. Orthocentrus [illegible] 1♂
[illegible] 1♂ 1♀ [illegible]
Aspilota ? 1♀.
Aperileptus 1♀, 16 seg. ant.
[illegible] 1♀.

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27.10.37 cont. Glenasmole, DU, cont.

Rhogas 1♀, 38-39 [illegible]
Apanteles fulvipes? 1♀.
Meteorus of Campoplexum? a beautiful fresh ♀, swept under grass of bank? overlooking spill-way from upper reservoir & just below gate at top of path from Moran's to upper res.

— 1♂ & 1♀ mounted on same card separated 8/2/1943 as ♀ is humile. AHS.
Phaeogenes trivialis, 1♂, 5♀♀? [illegible] 1♂
P. humile ♀ AHS 8/2/43.
Dicaelotus affinis 1♀. D. pulchra [illegible] ♀.
D. [illegible]? 1♀.

Proctos. G. =

Chalcid small black sp., clubbed antennae & hollow front to head.

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3rd Nov. 1937. A fine day, very mild, cloudy, SW wind then S, SE & E later, & yet no rain, & neither [illegible] cold.
Glenasmole, Co. DU. 2.30 - 4.30.
Left car at Moran's & walked up W. side round head of upper reservoir & down E. side; swept a little under trees below upper dam & under trees near head of upper reservoir, but most insects taken with sweeper off Conifer hedge between Moran's house & footbridge, where they were abundant, often 3-5 on a leaf, Stenomacrus ventralis predominating of course.
[Only kept & then labelled 25/11/39! AHS]

Stenichneumon "depredator" : 1♀.
[illegible] 1♀.
Hemiteles 1♀, black but slender antennae, 25-29.
H. [illegible] ♀, [illegible].
Stenomacrus ventralis: see above note: 1♂ only kept.
S. laricis ? 1♀.

Entypoma robustum ? 1 large ♀.

3.11.37 cont. Glenasmole, Dub. cont.
Aspilota [illegible] 2♀♀
A. [illegible] 1♀.
[illegible] 1♂, 4♀♀.
[illegible] ♀.

[illegible] 1♂.
Aspilota [illegible] 1♂
A. [illegible] 1♂, [illegible]

Dacnusa affinis 2♀♀
D. longiradialis 1♀

Proctos 2

1♂, 2♀♀ Nematine sawflies bred from larvae taken on poplar in the Brides Glen, Loughlinstown, Co. Dublin 1936 by Dr. A.A. Lisney, emerged 1937 but not discovered till long dead. Relaxed & set in Nov. 1937
=

Bred Aspilotae 1937.

During August 1937 the following information received from Fr P. O'Kelly, S.J. He made a set carrion traps on the window sill of my room in the Museum or on table inside an open window — both worked equally well. The traps (jampots) were baited with (1) a dead mouse, (2) a small dead fish, & after a few days Phorids appeared & ran about over the paper covers of the jars. When a small hole was made in the covers the Phorids quickly found their way in. A few more days later ♀ Aspilotae arrived & found their way into the jars where the Phorids had been egg laying & where the Aspilotae appeared to settle down to await the time when the Phorid larvae were old enough to oviposit in. This was not witnessed, but a month later the new (F1) generation of Phorids began to appear & almost simultaneously ♂ Aspilotae appeared, followed a few days later by ♀♀; these emerged from 27th Sept. onwards. What was probably another generation of Aspilotae appeared in the spring of 1938. All belong to what I call Aspilota [illegible] (= the A. nervosa of Marshall, non Haliday)

Nov. 1937. Did not collect at all during last 2 weeks of the month, owing to ill & not being well. Especially pleased to get a visit Lepidopterist [illegible] by Dr. R.A. [illegible] on leave from Singapore (formerly of Bristol). Pink wild Primrose from Kilkenny district in garden showed first flower on 29/11/37. Weather very mild on the whole, some rain & an occasional frosty night, but no severe weather of any sort & some beautiful days.

Dec. 1937. Unwell all month & under doctor's care most of time. Did not return to work after over 3 weeks sick leave till after Xmas holidays.

1938.

The year opened dry, dull & windless, with no outstanding [illegible] until end of first week, then wild broken weather.

The first snowdrop, one of those planted a couple of years ago under the drawing room window, opened on 9th Jan. after hanging fire for about ten days; the old clump at front corner of the house was at this time just pushing through the ground.

Mild weather set in about 18th & continued till end of January, mostly very mild, with intervals of cold & a [illegible] first on 24th [illegible]. [illegible] was & [illegible] in flower in garden on Kenilworth Rd. Early [illegible] in front garden had then one flowering at same time. First Snowdrop in old patch at front corner of house out on 28th & new patch of Sax. oppositifolia in front garden out on 26th. Mistle Thrush sang vigorously all through the stormy weather! Daisy saw Coltsfoot well out on 22nd by the Dodder opposite the Water Gate of old Rathfarnham Castle estate. Hazel ♂ catkins well out by that date on Dodder & various places

near Ballyman Glen on 22nd, then we drove to Poulaphouca to see the commencement of the making of the new dam across the Liffey just above the bridge & the famous falls. A very cold night!

2nd Feb. 1938. In afternoon drove to far end of Phoenix Park & had a pleasant walk, it being a fine day, with much sun; mild after a few cold days. Two clumps of Sax. oppositifolia with open flowers open in back garden, side next road, one from Snowdon & one from Benevenagh, both the small-flowered form. Crocuses now well out in front garden by path to gate, where the first appeared about 29th Jan.

On 14th Feb. the first blossom opened on the Almond in Kenilworth Square (N.E.S.) & on 15th there were three flowers open (N.W.S.). On 18th a bush of Forsythia in Grosvenor Road was just ready to open.

The Sax. oppositifolia in front garden (Snowdon form) had a flower out on 13th, while that from Benevenagh had several flowers that appeared to have been out for several days. The Alder in back garden had its male catkins well out on 13th & also bore ♀ catkins for the first time. It was brought home & planted by Hugh in 1931, a few months before he died.

On 28th our frog was found in pond in back yard & thawed out.

Feb. 1938 cont.

The first flower of Chionodoxa opened on 26th which was the second warm soft day, with rain, after a cold dry spell of E wind.

The first Red Saxifrage flower also appeared on 26th in front garden & the first Daffodil flowered in back garden on same day, as well as the buds of Ribes americana (?) (= Flowering Currant!)

March 1938.

On 2nd March a honey bee seen in back garden.

On 3rd spent afternoon in Glenasmole, with [illegible] H.H. and [illegible] & [illegible] on 4th [illegible] D.F.

On 5th, the fourth sunny day in succession, M.D.S. saw a ♀ Bombus terrestris in back garden at about 3.30 PM after watching there [illegible] for about an hour; it flew first to the Flowering Currant, visiting the few flowers on same that were open, & then lit on the wall & sunned itself & [illegible] amongst [illegible] the brickwork. There had been a slight ground frost on the previous night, 4th–5th, & many flowers of the almond & catkins of poplar lay on the footpath in Kenilworth Square & K. Rd, at 9 A.M.

March 1938 cont.

6th. A fine day with much less sun after a dull early morning, but with keen N.W. breeze. Spent day pottering in & out of garden. At 12.30 saw a ♀ Bombus (either lucorum or terrestris) flew over wall of back garden from road & after flying rather wildly back & forth went to Mediterranean Heath flowers just as Barry came from home, when it flew back & forth quickly & then over the wall. In the afternoon a Tortoiseshell Butterfly spent at least an hour sunning itself on the wall in back garden & M.D.S. saw a Bombus at an Almond Tree (in flower) at Sandymount when she went to visit Mrs. Coffey, a blind lady. Noticed in garden that some bird (? Tits) had pecked the rotten stump where [illegible] [illegible] were seen resting last year [See p 268, 14th June 1938 →]

9th March 1938. Dull, windy (W) inclined to drizzle, mild. In afternoon drove to Glenasmole, Dn, & walked up to head of upper reservoir. Saw one ♀ Bombus lucorum on flowers of Berberis near foot bridge at Moore.

10 – 12th March 1938. Almost perfect summer days, with a great deal of really hot sun. On 12th wind E. & breeze cooler.

13th March 1938. A most perfect summer day, except that in Glenasmole there was a very strong wind blowing right down the glen, with small "white-horses" on both reservoirs. Not a cloud in the sky all day, sun intense out of the wind.
At 10 AM. saw a fresh ♂ Andrena gwynana in back garden, of Clareville Rd., Dub.
At 11.30 drove to Glenasmole.

13.3.38 cont. 12 noon till 3.0 PM.
Glenasmole, Co. Dub.
Spent most of time in 3rd coomb on E. side of lower reservoir, where the big slip of March 1937 destroyed all the lower part of coomb, but no change since then & upper bee-bank un-harmed.
Slip in 2nd coomb not so serious & bees unaffected.
Tortoiseshell & Peacock Butterflies seen.
Also Tiger Beetles flying about bee-banks.

13.3.38. cont. Glenasmole, Dub. cont.
Bombus terrestris 1 ♀ seen by M.B.S. near Moore's.
Bombus lucorum ♀♀ frequent, mostly "searching".
Bombus jonellus 1 ♀ covered with pollen at ♂ willow & seemed to be working.
Andrena clarkella ♂♂ abundant & some ♀♀ in both coombs & on banks in fields above E end of upper dam.
A. apicata ♂♂ abundant & several ♀♀ in 3rd coomb at usual bank. (very fresh ♀ left).
Nomada leucophthalma ♂♂ in several places. Also 1 ♀. Two ♂'s & one ♀ left.
Pimpla clypeata 1 ♀ on laurel by foot bridge (M.B.S.) probably just out of hibernation: a little Chalcid seen on laurel also.

23rd March 1938. A beautifully sunny day but rather strong wind down the Glen.

Glenasmole, Co. Dn. 2.0 till 4.0 P.M. (with [illegible])

Sawfly: Pachynematus obductus? 1♀ swept in shelter of bushes on W end of upper dam

1 small black Ich. ♂ = Hemiteles apicalis?

[illegible] nigrescens, ♂

C. ([illegible]) (agrees with [illegible] but very large & with 23 seg. antennae) } 1 ♂

Proctos. C. = Gelis (?)

All swept under [illegible] trees on upper dam in shelter.

North Bull, Co. Dn. 31/3/38
E. O'Mahony
1st Sand Martin [illegible]

No Chiff-chaff heard, but O'Mahony who was in Glenasmole on 20th reported them as common on that date.

Owing to bad weather on my days off I was not out again hunting until 3rd April →

1st April 1938

George & M.D.S. saw a Small White butterfly in garden & 1st White Saxifrage opened flower in front garden.

3rd April 1938. After a depression on 2nd, a very fine sunny day, but spoiled for insects by very strong & cold NNE wind, blowing right up the glen. Hardly did any collecting.

Glenasmole, Co. Dn.

With Ruttledge after badgers' earth, but none found.

[Sand Martin seen by [illegible] below Bohernabreena at 4 P.M.]

Bombus lucorum & jonellus ♀♀ frequent.

B. lapidarius 1 very fresh ♀ in 3rd coomb.

Andrena apicata & praecox a few ♂♂ only in 3rd coomb

A. clarkella 1♀ digging; some seen working in 3rd coomb.

Halictus rubicundus 1♀ seen, not taken.

Nomada leucophthalma on Salix [illegible] ♂♂ & ♀♀, common, not taken.

Colpognathus celerator 1♀, on the bank, not taken.

Sawfly = ~~[illegible]~~ 1♀ swept on flat above 3rd coomb, short grass, sunshine, ♂

= Pachynematus apicalis 'A.W.S.' 1942 after comparison with ♀ sent by R.C. Ferris to Benson. verified by R.B. Benson, 11.2.43.

6th April 1938. A perfect spring day, very hot sun, with cool but gentle E breeze.
Spent afternoon in back garden, 14 Claremont Rd, Harold's Cross, Dublin, gardening & feeding snails.
Saw in garden. Peacock Butterfly.
Bombus lucorum ♀♀ at Mediterranean Heath, currant tree & Cabbage flowers.
B. agrorum ♀ at currant tree.
B. jonellus ♀ once on Black currant tree & later at Mediterranean Heath.
Andrena albicans 1 ♂ seen.
Halictus leucopus 1 ♀ seen on wall
Vespa vulgaris 1 ♀ sunning herself on currant.

8th April 1938 Another fine sunny day. E wind.
At 6.15 P.M. a ♀ Bombus lucorum very busy in back garden at Cabbage flowers. Obviously working! A ♀ Bombus terrestris in motor house at same time & put out.
George reported a ♀ Bombus lapidarius on Cabbage in back garden in afternoon.

10th April 1938. Another perfect day so far as sun went, not a cloud or haze, but strong E. wind blowing down the glen & so small insects very scarce.
Glenasmole, Co. Dub. noon till 4 P.M.
A few insects swept on lower dam & under trees on W. side of lower reservoir where some shelter.
Bombus hortorum ♀ seen repeatedly at Primrose flowers on bank in the "nettle glade" below dam 2.
B. agrorum & lucorum ♀♀ frequent.
[B. terrestris ♀ believed seen by George]
Psithyrus distinctus several ♀♀ seen.
Bombus muscorum 1 fresh ♀ on Dandelion.
Andrena nigroaenea 1 ♂ by river near road.
A. albicans ♂♂ & ♀♀ very common near Mr Doyle's.
Nomada leucophthalma ♂♂ seen in "alder glade".
[Did not visit the real bee bank!]
Dolerus nigratus 2 ♂♂ below lower dam & lower dam glade
Tenthredo sp. 1 ♀ swept under trees, end of reservoir.
Hemiteles sp. 1 ♀ swept, end of dam.
Pimpla brassicariae 1 ♂ at gorse flowers, by dam.
(Ephialtes? 1 ♂ [illegible] seen [illegible])

10th April 1938 cont. Glenasmole, Dublin cont.
[illegible] ♂♂ seen [illegible] ♂ [illegible] P.M.
[illegible] of [illegible]
Bombus pratorum ♀♀ seen ♂ P.M.
B. [illegible] ♀ [illegible] P.M.

[illegible] 1
[illegible] 1

WILLOW WRENS common in glen, Swallows numerous with Sand Martins over Dodder below Bohernabreena.
Speckled Wood Butterfly seen by E. O'Mahony, who was collecting beetles with Stanbridge by Upper Reservoir; saw one ♂ Orange Tip.

10th – 20th April.
Owing to breakdown of car I could not get out in the field between these dates, during which time bright cold sunny days alternated with sharp frosty nights. In garden on 20th April I saw a perfectly fresh ♀ of Andrena nigroaenea & another faded ♀ of Bombus pratorum on Black Currant flowers. [illegible] the [illegible]. Hawthorn tree now about 7 years old flowered for the first time, very sparingly. Large White Butterfly ♂ in garden 20th.

21st April 1938. A most perfect day, with gentle N. breeze & some clouds, but sunshine hot the first time this month, during which time not a drop of rain has fallen. Went by 11 a.m. bus to Bohernabreena & stayed in Glenasmole till 5.30 return bus.

Glenasmole, Co. Dublin. 12 noon till 5 P.M.
Worked round lower reservoir via woods & back by road: woods & hillside glades = 1, below upper dam & about Mrs [illegible] = 2.
Wood White Butterfly: several seen at 1. Greenveined & Orange Tip frequent.

35 from 1 & 11 from 2 kept & then labelled 29/30 Nov 1939. A.W.S.

Bombus lucorum, lapidarius & agrorum seen.
Andrena cineraria ♂ seen on bank of Dodder between gate of road & Mrs Doyle's.
A. clarkella ♀ seen on Salix (N.B. some Salix not yet in flower, though some cinerea in seed).
A. albicans & nigroaenea seen.
A. [illegible] ♂.
Halictus rubicundus, albipes & leucopus ♀♀ seen.
Nomada goodeniana & many others seen but none examined.
Andrena ? sp. ♂♂ & ♀♀

Did not search for [illegible]

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24/9/38 cont. – Glenasmole, Co. Dub. cont.

Salius fuscus 1♀ at 1.

Vespa vulgaris & rufa seen.

Dolerus germanicus ♂♂ at 1 [illegible]

D. [illegible] ♂♂ [illegible]

[illegible] (♂ at 1) [illegible]

Loderus vestigialis ♂♂ at 1. [illegible]

Tomostethus intermedius ♀♀ at 1.

Nematinus sp. ? 1♀ at [illegible] = Priophorus tener ✓ R.B. Benson 11.3.43.

[illegible] sp. ? 1♀ [illegible] just [illegible] spilling at 2
(See also 15/5/36, [illegible])
= Empria [illegible] [illegible]

Violet click-beetle ♂ at 1
= Daddy-long-legs, grey, black spotted abdomen
1♀ amongst rushes
above 3rd [illegible] at 1.
= 1♀ at 1

Phaeogenes scutellaris? 1♀, [illegible] front coxae [illegible] [illegible] side of scutellum, at 2

Ichneumon [illegible] ? ♀ seen on [illegible]

Bracon [illegible]? 1♀ at 1.

Cryptus [illegible] or [illegible] sp. ? 1♂, at 1.

Hemiteles 1♀, at 1

Pimpla ♂ [illegible] hind legs & [illegible] front femora at 1.
= P. [illegible]

Pimpla [illegible] 1♀, at 1. [illegible] 1♂ [illegible] at 1.

Stenomacrus [illegible] 1♀ [illegible] sp. ? 1♀, [illegible] at 1.

S. [illegible] 1♂ at 2. [illegible]

208.

Glenasmole, Co. Dub. cont. 24/9/38

[illegible] ♀ at 1.

[illegible] 1♀ at 1.

[illegible] ? 1♀ at 1.

[illegible] ? 1♂ 1♀ at 2, [illegible]

[illegible] ? 1♂ at 1, [illegible]

Tryphonid, 1 black ♀ at 1 [illegible] Sathygaster
fenestra Hal. but differs [illegible] in almost [illegible]
[illegible] at 1.

Phaeogaster galactinus Hal. 1♂ on Salix at 1, in glade.

Aspilota rufipes 1♂, 1♀ at 1. A. [illegible] ? 1♂ at 1, [illegible] at 2, [illegible]

A. sp. [illegible] ?? 1♀ at 2, [illegible]

A. sp. ? 1♂, [illegible] ; ? ♂ [illegible] at 1.

A. (Synaldis) [illegible] 1♂ at 1, 1♀ at 2. A. [illegible] ? 1♂, 1♀ at 1.

Dacnusa [illegible] ? 1 [illegible] ♂ at 2, [illegible] legs & [illegible] end

Ephedrus [illegible] 1♂, 2♀♀ at 1 & 2.

Mesochorus sericeus 1♀ at 1.

Praon [illegible] 1♀ at 1.

Proctos. 7 at 1, 1 at 3.

=

12th May 1938. Sunny a.m., cold E. wind, sunny in afternoon, dull in evening, a very hard day. Did not go out in morning; went by bus to Bohernabreena & walked up Glenasmole, by E. side of lower reservoir & back via upper dam & [illegible]. Insects scarce.

Glenasmole, Co. Dub. 3.0 P.M. – 6.0 P.M.

1. = top of woods E. of lower reservoir, mostly swept under bracken & in corner of fields sheltering from wind on off side & bush in "willow glade".

2. = under trees near Mr Moore's garden & between that & river, below upper dam.

[15 from 1 & 14 from 2 labelled 2.V.39; a few labelled before this "[illegible]"]

[illegible] 1 ♂ swept at 2; none seen at 1

[illegible] 1 large, red [illegible] in land [illegible]

Hemiteles 1 ♀ at 1

[illegible]? 1 ♂, white face at 1

[illegible] infuscata 1 ♂ swept at 2.

H. [illegible] ? 1 small ♂ swept at 2, [illegible].

[illegible] ♀ at 1, 20 in all

1 [illegible] [illegible] ? 1 ♀.

All sent to BM

Many Swifts seen at B. [illegible] & flying over reservoir near Dublin.

12.5.38 cont. Glenasmole, Co. Dub. cont.

[illegible] pallipes? 1 at 1.

E. [illegible]? 1 at 1

E. [illegible] at 2

Opius caelatus Hal. 1 ♂ swept at 2

[illegible] [illegible]? 1 ♂ at 1, swept in willow glade {1 ♀ taken here on 8/5/1938 & sent to [illegible].}

[illegible] [illegible] 1 ♀

[illegible] [illegible] 1 ♂ at 1; another ♂, swept at 2

C. vulgaris 1 ♂, 2 ♀♀.

[illegible]

[illegible] [illegible] swept at 4.

[illegible] 1 at 2

3 [illegible] at 1 (all sent to BM)

Sawfly = [illegible] larva 1 ♀ at 1.

[A ♂ Dolerus palustris taken at head of upper reservoir in Glenasmole on 8/5/39 by E. O'Mahony.]

4th May 1938. Cold, mainly sunny, with very strong & cold E–NE wind. Very draughty & few insects out.

Slade of Saggart, Co. Dub.

Very many small bees seen on Dandelion flowers at head of glen, where [illegible] settled, but none examined carefully. One Andrena [illegible] ♀ seen on Primrose flowers.

[illegible] [illegible] 1♂ } sent to B.M.
[illegible] [illegible] ♀ }

[Almost all ichns, &c, sent to B.M.] [Only 10 kept & these labelled 12.[illegible] ANS.]

The following only kept:—

Bracon [illegible] 3♂ 2♀.

[illegible] [illegible] 1♂

[illegible] vulgaris? 1♂, 1♀, with 22 & 18 seg. ant. respectively

[illegible] rufipes? 1♀, 18 seg. ant.

[illegible] [illegible] 1♀, very black, 15 seg. ant., red head

Dacnusa [illegible] 1♂, 1♀ with 42 & 24 seg. ant. respectively

D. [illegible] ♂ }
D. [illegible] 1♂, 2♀. } Sent to B.M.
[illegible] [illegible] }
[illegible] [illegible] }

8th May 1938. A fine, cold, day, with NE–E breeze: sunny in morning & after 3.30 PM, but quite dull from noon till 3.20. Everything very dry & insects scarce. Whitethroat singing at [illegible], but no Swifts seen this day & none seen by me since 1st May. Cuckoo heard in afternoon.

Glenasmole, Co. Dub. Noon till 4.30 PM

Worked across lower dam & along E. side of lower reservoir above the [illegible] to upper dam (= 1); then round the flats near Moore's garden & round about (= 2).

Too cold & draughty to collect along W. side of the reservoir.

Bees very abundant after sun came out, especially on a chestnut tree near the 'ford' at Moore's garden, where all sorts of Andrena & Nomada were sunning themselves at 4 PM. Saw nothing special in Aculeate line. Willow sawflies just coming out & a few swept, but saw little when I was in 'willow-glade', except for one [illegible] during which I caught a ♂ Pteronidea with orange head &c.

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8.5.1938 cont. Glenasmole, Co. Dub. cont.

Sawflies. Dolerus nigratus 1♀ swept at 2.

Athalia (not kept) 2♂♂ 1♀ swept off Salix or at 1 … [illegible] 1938.

Pontania sp. (not kept)

Empria [illegible] 1♀, at 1.

[illegible] 1♂ on Salix in "willow-plantation" [at 1].

1 B only kept from 1 & 7 from 2. these labelled 5/12/39. Others […] labelled [illegible] see below.

Rhogas [illegible] 3♂♂ at […] at [illegible] E, [illegible] at 1.

[illegible] elegans 1♂ swept off Salix at 1, but escaped.

[illegible] 1♀ on Salix at 1

[illegible] 2♂♂ at 2 [illegible] 1938.

[illegible] 1♂ at 2

(not kept)

[illegible] picta? 1♂ at 2.

[illegible] ? 1♀ at 1

Orthocentrus [illegible] ? [illegible], [illegible] swept [illegible] at 1

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8.5.1938 cont. Glenasmole, Co. Dub. cont.

[illegible] 2♂♂ at 2. [illegible] 19.4.39 [illegible] 1945

Homotropus [illegible] 2♂♂ at 2. [illegible] ? 1♂ at [illegible]

H. [illegible] lineatus 1♂ at 2 & H. [illegible] 1♂ at 1. } [illegible] 19.4.39 1945

Plectiscus sp. 1♀ at 2

Aperileptus [illegible] 1♀ at 1

Bracon [illegible] 1♀, not kept.

[illegible] 1♀ at 2 = Rhyssalus [illegible]

Euphorus 3 at 1 = [illegible] (1♂, 1♀ kept).

Blacus [illegible] 1♀, under Sycamore leaf at 1. (not kept)

[illegible] 4♂♂, 1♀ swept at 2; 1♂ kept only.

Olesicampe truncata 1♀ at 1, in willow-plantation (sent to [illegible])

[illegible] ? 1♂ at 1, not kept.

[illegible] 1♀ on Salix at 1, in willow-plantation [not kept]

[illegible] [illegible] 1♂ at 1

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8.5.1938 cont. Glenasmole, Co. Dub. cont.

Aphelota spp. (only 1 kept).
= Ap. [illegible] ? 1♂ at 1: very large, [illegible] very [illegible], but 2nd cubital cell very short & narrow.

Dacnusa bellina 1♂, 1♀ kept, from 2: ♂ being very large, [illegible]?
D. [illegible] 1♀ [illegible] (none kept).
D. [illegible] ? 1♀ at 1.
D. [illegible] ? 1♂ & 1♀ at 1, also 1♂ at 2 (kept).
D. [illegible] 1 beautiful ♂, with very yellow [illegible], at 1

Mesochorus [illegible] 1♂ at 1 (not kept).
Alysiini none kept but frequent
Proctotrupidae very scarce; only a very few seen & only 1 Platygaster ♀ (from 1) kept.
= Platygaster with expanded seg. 2 of antennae, from 1.

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13th May 1938. Very strong S.-S.W. wind, with slight drizzle at times, but no real rain & mild.
Went by 2.20 bus to Bohernabreena & walked up Glenasmole. Very difficult to get shelter there, otherwise it would have been loaded with insects.

Glenasmole, Co. Dub. 2.30 till 6.0 P.M.
1 = W. side of lower reservoir
2 = area above lower reservoir & below upper dam i.e. path from Moore's to upper spill way, area between Moore's garden & river & along shore of same back to road along lower reservoir, the last being quite new ground for me.
All insects swept & nearly all packed up for B.M. [20 from 1 & 17 from 2 [illegible] & labelled [illegible] [illegible] "previously labelled" B.M. 2]
No aculeates seen but a few ♀♀ Bombus: no ♂♂ yet seen.
Sawflies. Dolerus nigra? 1 large ♀ at 1.
Empria 1♀ sent to B.M.
= Empria pulverata ♀♂ { Gen. et sp. ? resembling St. [illegible]: 4 ♀♀ at 1, 3 kept, sent to Benson. Same as ♀ taken on 24/4/38.
Sp. ? 1 black ♀, orange stigma at 1
= [illegible] [illegible] 1♀

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13/5/38 cont. Glen[illegible], 6. 84. cont.

Leptocryptus [illegible], [illegible], [illegible] ♀ [illegible]
= [illegible] [illegible] 1 ♀ at 2
Pimpla [illegible] group, long [illegible] ♀ [illegible]
P. [illegible] ♂♂, black legs (1 taken) at 1.

Hemiteles [illegible] ♂♂, none taken.
H. [illegible] 1 fine ♀, not taken
H. [illegible] [illegible] ♂♂ not taken

Promethes [illegible] ♂♂, not taken.
Stenomacrus [illegible] several ♀♀, [illegible]
S. [illegible] ♀ ♂ at 1, ♀ at 2 [illegible] ♀ [illegible]
S. [illegible]? 1 ♂ at 1

Orthocentrus asper 1 ♂ at 1
Megastylus ?

Campoplegid, [illegible] [illegible], [illegible], [illegible]
[illegible], 1 [illegible] = Omorgus 1 ♀ at 1

Bethylid [illegible]? [illegible] 1 at 1.

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13/5/38 cont. Glen[illegible], 6. 84. cont.
Microctonus 1 ♂ at 2

Bracon [illegible] ? 1 ♀ at 1.
Rhyssalus [illegible] 1 ♀ at 2.
Coelinius [illegible] 1 ♀, not taken.

Apanteles [illegible] 1 [illegible] taken 1 fine 1. = A. [illegible]? det.
Euphorus pallipes 1, not taken.
E. [illegible] ♂♂ 1 ♀ at 1.
Entedon [illegible] 1 ♂ not taken.

Phaenocarpa [illegible] 1 ♀, not taken.
Aphaereta major ♀♀ 1 fine ♂ & ditto ♀ at 2.
Aspilota [illegible] 1 ♀ at 1, = A. [illegible] {[illegible] [illegible] [illegible] [illegible] [illegible] head and [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] 1939.
A. [illegible] [illegible] 1 fine [illegible] 2
- A. vulgaris ? 1 ♂ at 1, 1 ♀ at 2. A. [illegible] ? 1 ♂ at 2
[illegible] 1943. [illegible] [illegible]
A. rufata ♀♀, 1 [illegible] ♀ at 2, [illegible] [illegible] [illegible] 1 dark [illegible]
Orthostigma [illegible] ♂♂, 2 [illegible] ♀, fine 1

Dacnusa [illegible] 1 fine ♂ at 2 × [illegible] [illegible] [illegible] 2/12/39

D. [illegible] ? [illegible] [illegible] [illegible] [illegible] [illegible].
D. [illegible] ?? 1 ♂ at 1, rather small.

13/5/38 cont. Glenasmole, cont.

D[illegible] [illegible] 2♂♂ [illegible], [illegible].

D. [illegible] 3♂♂, 22, 27 & 30 [illegible], [illegible] [illegible] [illegible] [illegible].

D. [illegible] [illegible] [illegible], [illegible] [illegible] at 2, 1 left.

D. [illegible] 1 fine ♀, [illegible].

Aphidae: none at [illegible] [illegible].

Sphecodes [illegible] ♂, Type of [illegible], at 2. ← Probably only a freak of S. [illegible] AWS 1940 — A.W.S. 9/12/39

[illegible] 1♂, 1♀ [illegible] [illegible], [illegible]?

15th May 1938. A damp day after the long drought had broken: heavy rain in Dublin, light misty rain in morning, otherwise fine in Devil's Glen. The "rise" of insects stupendous following first rain & rise of temperature after long dry spell with cold winds; but collecting hampered by wet vegetation. [On way stopped for a few minutes at [illegible] [illegible] Sugarloaf, Co. Wi., & there took a ♀ of the big black & red daddy-long-legs.]

Drove with A.M. Greer (in his car) to Devil's Glen, Co. Wi., & worked up glen to Z road below falls & back again to car. Up journey, 2.0 till 4.0 P.M. = 1, return down glen 4.0 till 5.30 = 2.

15/5/38 cont. — Devil's Glen, Wi., cont.

Bombus agrorum & lucorum ♀♀ only bumble bees seen.

Nomada marshamella ♀ seen.

Pompilus [illegible] ♂ spotted by [illegible] on road just below upper elbow of Z road & about 30 yards above sand-pit where I took this sp. first in June 1921. [35 from 1 & 25 from 2 labelled 15.5.1938 [illegible]]

[Formica rufa. No trace of this ant at its nest near Z road, where I have watched the colony dwindle since 1922, though it was still there in May 1937. No winged specimens have ever been seen at this nest, 1922–1937. There is just a faint hope that the colony may have moved somewhere else.]

Sawflies. Macrophya punctum-album taken by A.M. Greer half-way up the glen. This is the 3rd Irish specimen I know of.

Athalia spp. seen.

[illegible] that sp. taken on Bracken with [illegible], by stream just above [illegible], pits edge & below Z road at 1 = [illegible] ♀

Nematus ♀ at 1 = [illegible] [illegible] [illegible]?

{ [illegible] at [illegible] [illegible] =
{ C. sp. [illegible] [illegible] =

[illegible] [illegible] 1.

15/5/38 cont. Devil's Glen, Wi., cont.

Ichneumon spp. ♂♂ in hundreds, all the [illegible] glen. 1 only kept =

I. [illegible] ♀ [illegible]. I. [illegible] [illegible] at 1

Cryptus [illegible] frequent: 14 kept. – Cryptus ♂ at 1 (carried)

Cryptus 1 ♂ (paired)

Microcryptus? 1 ♀ at 1. Hemiteles ? 1 ♂, 21-seg ant. at 1.

Hemiteles sp. 1 ♀ at 1, 1 ♀ at 2 (17-seg ant.). H. sp. [illegible] at 2, [illegible] seg. ant.

Cryptus ([illegible]) 2 ♂♂ at 2, 24-seg ant. = Leptocryptus 1 ♀ at 1

Phygadeuon cf. [illegible] 1 ♀ at 1, 1 ♀ at 2. Hemiteles 1 ♂ at 1, [illegible] seg ant.

[illegible] [illegible] 3 ♂♂ at 1 & 2 (1 each kept)

Pimpla [illegible] [illegible] 2 ♂♂ (not kept)

Polyblastus ♀, small black, only 21-seg. ant., carrying many young, at 1

[illegible] carbonaria? 1 ♀ at 1 =

Lathrolestes [illegible] ? ♀, but with 21 seg. antennae

Mesoleius 1 ♂ at 1

[illegible]? cf. [illegible] 1 ♂ at 1. [illegible] at 2

[illegible] [illegible] ♀ (not kept)

[illegible] sp. 1 ♀ at 2, with 22 seg ant. (with small projection) [illegible] ensconced [illegible]

[illegible] [illegible]? 1 ♀ at 1.

Orthocentrus near [illegible], 1 ♂ at 2. [illegible] ? 1 ♂ at 2, 21-seg antennae.

[illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]

15.5.38 cont. Devil's Glen, Wi. cont.

Ophion ventricosum ♂♂ frequent: the first time I have ever seen more than one in a day.

[illegible] 1 ♂ taken by A.W.S.

[illegible] [illegible]? 2 [illegible] taken, 1 ♀ kept only, at 1.

Campoplex the usual large red & black form of [illegible] 3 ♂♂ kept.

Campoplegidea frequent: none kept.

Mesoleius 1 small ♀ at 1 =

[illegible] [illegible] 1 ♀ at 2.

Rhyssa [illegible] (not kept), R. sp.? 2 ♀♀ at 2

[illegible] ?? 1 ♂, red [illegible], at 1.

Spathius [illegible] ? 1 ♂ at 2.

[illegible] [illegible] 1 [illegible] ♂ at 1

[illegible] [illegible] ?? 1 [illegible], [illegible] ♂ at 1

[illegible] 1 ♀ at 2, [illegible] [illegible]?

[illegible] ~~[illegible]~~ or more probably [illegible], 1 ♂, 1 ♀ at 1.

E. pallidipes 1 ♂ at 1.

[illegible] cf. [illegible]? 1 ♀ at 1, with 22-seg ant.

[illegible] [illegible]? 1 ♂, at 1.

Aspilota spp. very common, but only the following kept:-

A. [illegible], small [illegible], 1 ♀ at 2, 21-seg ant. A. [illegible], 2 ♀♀ at 1, with 22 & 24 seg ant. respectively.

A. [illegible]? 1 ♂ (23 seg. ant.) & 1 ♀ (21 seg ant.) at 1.

A. sp.? 1 very small ♀ (19 seg ant.), with [illegible], at 2.

15/5/38 cont. Devil's Glen, Co. W. cont.

Aspilota (Synaldis) concolor ? ; ♂ at 2, 22 sq. ent.

Orthostigma pumila 1 ♀ at 2, 22 sq. ent.

Dacnusa (? none seen)

Alysia very few seen, none kept.

Proctos. 3 or 4 Serphids only taken

A few others went to B.M.

Chalcid: 1 pair.

15.5.1938 Taken at Lissen Hall, Swords, Co. Dublin by E. O'Mahony
[illegible] atricapillus ♀ x
Galesus ?
Trichodella ? Swords ♀

Roses. On 1st May Denis pointed out a single flower on a rose (R. tomentosa group) at Bohernabreena on Mrs Doyle's, but this looked nearly as likely fresh as a "left over" from last autumn. On 8th, however, the R. spinosissima was in full flower at same place. The "R. tomentosa" (of ?) in my garden, Harold's Cross, came into flower on 18th, which is at least a fortnight early, if not more.

19th–20th May 1938. After a few cold sunny days with E wind, weather turned very muggy & warm, with some mist & rain on 20th. The first Crabro (C. varius) I saw was on evening of 19th at my clothes line post in garden, Harold's Cross, on which night Charlie Oldham & his wife stayed with us on their way to The Mullet. At 5.30 on 20th very many ♂♂ of C. varius & several of C. leucostomus (one) were flying about the post.

22nd May 1938. An almost perfect day: warm, with much sun: N breeze in morning, turning to SW in afternoon with more cloud, but no rain: cooler towards evening & fine [illegible] out.

Glenasmole, Co. Dub. Noon till 6.0 P.M.

Went by 11 A.M. bus to Bohernabreena & walked to top of upper reservoir: did not collect till above upper dam: then swept side of channel a little: after lunch spent 2 hours ([illegible]) sweeping flat at head of upper reservoir, including willows near inlet from Slade Brook: after "tea"

22/5/38 cont. Glenasmole, Dn. cont.
swept corner of field S of St Anne's church
& patch of Cow Parsnip by ford on river
near Moore's garden (= 2); then swept
under trees between Moore's garden & river
& along same to its entrance to lower reservoir
& under trees near the hut on N side of
lower reservoir (= 3). A very nice
rose (? canina × tomentosa) in full
flower (flowers pink & white like canina) on E side of upper reservoir above
St Anne's church; looks like canina but
has very glandular petioles; next day when shrivelled
looked like tomentosa (in leaf)
Did not look for aculeates & saw none of
interest; saw no ♀ Bombi & some quite
fresh ♀ apiarum. Anteon [illegible] 1♂ at 2
Vespa norvegica ♀ seen at 1.
Dolerus nigratus seen at 1. D. haematodes also
D. palustris ♂♂ & ♀♀ [illegible] at 1.

[illegible] [illegible] ♂♂ & ♀♀ at 1, some very dark legs

Pachyprotasis rapae [illegible]

22/5/38 cont. Glenasmole, Dn. cont.
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
Pteronidea oligospila ? 1♂ at 1.
Pontania sp. [illegible]
[illegible] [illegible] ?? ♂
Pteronidea (dark ♂ [illegible] not miliaris or ferruginea)

40 insects from 1,
13 from 2 and
5 from 3 kept &
labelled 16-17/12/39;
some Diptera previously
labelled, but most
Hymenoptera & not
many. [illegible]
17/12/39.

Cratichneumon [illegible] 1♂ of [illegible] [illegible]

[illegible] very many ♂♂ [illegible]
[illegible] [illegible] [illegible]

[illegible] [illegible] 2♂♂ [illegible] at 1, [illegible]
[illegible] [illegible] 1♀ at 3
Pimpla only a couple of ♂♂ of turionellae group &
1♂ [illegible] black legs, [illegible] Phytodietus ? 1♂ at 2
Rhyssa [illegible] ♂♂ & ♀♀ very common [illegible] along lower reservoir.
Homotropus [illegible] 1♀ at 1 (labelled [illegible])
H. pallipes [illegible]
H. [illegible] 1♂ [illegible]
H. pulcher 1♂ at 1, [illegible]
Mesoleius sp. [illegible] (? [illegible]) at 1, [illegible]:
= [illegible] [illegible]

22/5/38 cont. [illegible], C. [illegible] cont.
[illegible] [illegible], [illegible] [illegible], not kept.
[illegible] [illegible]: [illegible], a few, not kept.
S. intermedius ? 1 ♂ at 2, [illegible] 22 sq. cut.
S. [illegible] ? [illegible] at 1, 22 sq. cut. S. affinis ? [illegible], 22 sq. cut.

[illegible] [illegible] [illegible] [illegible] & [illegible] [illegible], [illegible]
[illegible] [illegible]. ?

[illegible] : a few & [illegible] not kept.
[illegible] sp. 1♂, 1♀, [illegible] [illegible] sp. [illegible].
[illegible] [illegible] ? 1♂ at 2.

[illegible] [illegible] ♂ [illegible] = [illegible] [illegible] ?
& others not kept.
[No [illegible], [illegible] or [illegible] seen.]

[illegible] many [illegible] & [illegible] kept.
Cf [illegible] ? sp. ? 1♂ at 1, 29 sq. [illegible]

22/5/38 [illegible], [illegible] cont.
[illegible] [illegible], 1♀, not kept. 1 B. [illegible] ? ♂ at 1, 36 sq. cut
B. [illegible] ? [illegible] common, not kept. sp. ?
B. [illegible] [illegible] a few ♂ at 1, 37 sq. cut. [illegible] 24 sq. cut.
[illegible] [illegible] ♂ ♀, not kept.
[illegible] [illegible], [illegible], not kept.

[illegible] [illegible] [illegible] ? [illegible], not kept.
[illegible] [illegible] 2-3; none kept.
[illegible] 1 [illegible] Salix at 1, not kept.
[illegible] [illegible] ?, none kept.
[illegible] ♀ 1♂, 1♀, 22 sq. cut. [illegible] ♀ not kept at 1
[illegible] sp. 1♂, 22 sq. cut. at 1
M. sp. [illegible] 1 dark ♂, 17 sq. cut at 1.
[illegible] [illegible] ? ♂ at 2. M. [illegible] [illegible] ? ♂ at 2.
[illegible] [illegible], [illegible] ♀ at 3.
O[illegible] [illegible] ? 1♂ at 3. O. [illegible] ? 1♂ at 2.
O. sp. 7-8 not kept.

[illegible] [illegible] ♂ & ♀ at 1, not kept.
Pentapleura [illegible] ♂ & ♀ not kept.
P. [illegible] 1♀ at 1 not kept.

22/5/38 cont. Glenasmole, Co. Dublin cont.

[illegible] [illegible] 1 ♀, at 1.

C. atra 1♂, [illegible], at 1.

[illegible] nigripes 2♂♂ not kept.

Rh. flavipes? 1♀, at 1.

[illegible] very many ♂♂ & ♀♀, but only the following kept.

L. dalmani, sp. n. 1♀ at 1, 17 - very [illegible]: the species with large head [illegible] near to L. nigrescens [illegible]. A.W.S. 18.12.39.

A (Syndetus) [illegible] 1♂, 1♀ at 2.

Dicranomyia [illegible], [illegible]?, [illegible], [illegible], [illegible] [illegible] 2, not kept.

D. pedica 1♂, fairly [illegible], at 3.

D. lateralis 1♂, at 3.

L. [illegible] 1♂, very dark [illegible] legs, at 2.

D. [illegible] 2♂♂, [illegible], at 1.

[illegible] of [illegible] [illegible], 1♂ at 3, but [illegible] [illegible] [illegible] [illegible] [illegible], 1♀ very [illegible].

Oenone [illegible] } ♂♂ & ♀♀ of both [illegible] common
Oenone [illegible] } on willows at 1, where the
[illegible] [illegible] [illegible] [illegible].

22/5/38 cont. Glenasmole, Co. Dublin cont.

Ephedridae very common: only a few kept:—

Ephedrus plagiator 1♂ at 3.

E. [illegible] 1♂ at 1.

Braconidae frequent but only a few kept:

2 at 2 =

1 at 1 =

Diplazon 1 at 2 ([illegible] [illegible]).

Microlepidoptera 1 at 1

23rd May 1938. Harold's Cross, Dublin.

Tanyrrhopus [illegible] 1♀ found on window in motor house at foot of garden, 14 [illegible] Rd., Dublin. This could have come in through broken pane with [illegible] part of [illegible] found or hatched out of box of fungi brought from Glenasmole the previous year. Most probably came through window.

25th May 1938. Glenasmole, Co. Dn.
Went by 2.30 PM bus to [illegible] & walked up to Moreen; swept under trees along the side of lower reservoir (=1) & various places between Moreen & upper dam (=2). A fine aft. (one shower of rain) after a wet night & morning; warm, hardly any wind (S.W.) & insects most abundant. Hardly any kept & most packed up for B.M. Most species same as on 22nd & only a few listed are not ichns. & mostly very common.

22 from 1 & 30 from 2 labelled 21.12.1939; some other previously labelled. A.W.S.

Anteon 1♀ at 1
A. 1♀ at 2, [illegible]

Bombus lucorum 1 ♀ seen, but only one.
Sawflies Allantus [illegible] 1♀, not kept
Pontania cf. viminalis? 1♀ at 2. Nothing else found.
Sciara "sp. 1" very few
" "sp. 2" ♂♂ abundant & Leptocryptus spp. especially common; only 2 kept –
Leptocryptus 1♀ at. Hemiteles [illegible] 1♀ at 1
Rhyssa persuasoria ♂♂ & ♀♀ common on fence at 1. Watched one ♀ attack & "sting" another which was in the act of ovipositing, so that latter withdrew her ovipositor after some difficulty & eventually flew away.

25.5.38 contd. Glenasmole, Dn. contd.
Pimpla turionellae group several ♂♂ & ♀♀, one of which kept [illegible] 1♀ at 1
P. of [illegible] similar 1♀, at 1 =

Bassus tricinctus 1 (not kept) 1st of genus seen 1938
Promethes sulcator, [illegible] & pulchellus.
Homocidus subopacus several ♂♂, not kept.
H. pulchellus, [illegible]
Microleptes? [illegible] 1♀, not kept.
Stenomacrus aff. about 8: some only kept. =
St. [illegible] ♂♂ & ♀♀ abundant, none kept.
St. (cf. Mesoleptus below) 2♂♂ at 1, with 24-25 seg. ant.
St. cf. sylvaticus? 2♀♀ at 2, with 26 seg. ant.
St. intermedius? 1♂ at 2, with 22 seg. ant.
St. (Mesoleptus) [illegible] 1♀ at 2, [illegible] with [illegible] seg. ant. – also 1 think 1♂ taken in Glenasmole on 13.6.38 AWS → 940.
[illegible] 1♂, not kept.
Porizon [illegible] ? [illegible] 1, not kept.
Polyblastus [illegible] 1♂, at 2.
P. [illegible] 1♂ at 1.
Gelis [illegible] 3♂♂ (1 kept) at 2. =

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25.5.38 cont. Glenasmole, Du. cont.

[illegible] several: 3 kept. [illegible]

[illegible] sp.? 1♂ at 1; & 3 more sp. 1♀ at 2.

[illegible] 1 [illegible] & [illegible]: none kept.

[illegible] sp. not det.: common [illegible] sp. 1♀, not kept.

Perilitus sp. 4♀♀ at 2, with 3? very [illegible].

Apanteles sp. 1♀ at 1, with 2 very [illegible].

[illegible]?? sp.? 2♂♂(?) with [illegible] very [illegible]

Colastes braconius ♀♀ & Rhysipolis [illegible] none kept.

Rhogas circumscriptus 2 or 4 ♂♂, none kept.

Apanteles a few: no ♀, only [illegible] kept, namely:-

— A. [illegible]? ♀ at 2.

Meteorus [illegible] 1♀ at 1

Euphorus ~~[illegible]~~ [illegible] 1♀ at 2

Opius [illegible] ♂♂ & ♀ at 2

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25.5.38 cont. Glenasmole, Du. cont.

Alysia [illegible]? 1, not kept.

Phaenocarpa [illegible] 1♂ at 2

Phaenocarpa ruficeps ♂♂ & 1 ♂ conformata? & large ♀♀ not kept

Idiasta [illegible] 1♂ at 1.

G. [illegible] 1♂ at 1, & another at 2.

Aspilota & Synaldis very many, [illegible] & [illegible]

G. [illegible] 1 [illegible] ♀ at 2.

G. [illegible] ♂ at ?

Orthostigma [illegible]? 1♀ at 1

Dacnusa [illegible] [illegible] 1 [illegible] at 2.

D. [illegible] several: not kept. D. gibbipes 2♂♂ at 2.

D. [illegible] several ♂♂ at 1! only kept & then [illegible], [illegible] 20/12/38

D. [illegible] ♂ at 1, ~~[illegible]~~

D. (? [illegible]) 1 ♂ from 2 labelled 20/12/39! D.H.S.

D. areolaris 1♂, 1♀ at 1, not kept?

D. [illegible]? 1♂ at 2, not kept?

D. confinis Ruthe 1 nice ♂ at 2.

D. [illegible], [illegible] sp., [illegible] & [illegible]?

Ephedrus [illegible]? very small ♂, [illegible] ♀ at 2.

Aphidius [illegible]? 1♀ at 2.

A. cf. [illegible] 1♀ at 2, with 12 very [illegible], very small

23. 5 38 cont. Glenasmole, Dn. cont.
Psocids about 12 to 15: all but one sent to B.M.
That kept from 2 =
Coleoptera, est. 1 =

26th May 1939. Coelinius niger? 1♂ taken by E O'Mahony at [illegible], Co. Dn.

29th May 1938. A glorious morning early, turning dullish about 10 A.M., then fine again till 2 P.M. then wind round to S, later SE, temperature fell & rain came on & ended collecting. Very wet from 6 P.M. onwards.

Glenasmole, Co. Dn.

Late in arriving owing to bus being full. Took 11.30 Tallaght bus to Old Bawn & walked up to head of upper reservoir without collecting, where met with E O'Mahony & Stanbridge collecting Pelophila borealis under stones on mud flat — which beetle they had recently discovered there. After tried sweeping round edge of mud flat, then crossed water-channel from Slade Brook & swept plantation on W. side of same (near ground too) (= 1) just before rain came on. ~~Later tried~~

29/5/38 cont. Glenasmole, Co. Dn. cont.
Later tried a little sweeping under trees just above, & below, the upper dam, but net soon soaked & had to give up. A few insects taken off under side of leaves with sucker, but these few & far between. (= 2)
Bombus hortorum ♀♀ numerous at Rhododendron flowers.
B. lapidarius 1 ♀ seen.
Vespa rufa 1 ♀ seen by lower reservoir
Arge fuscipes a beautiful ♀ taken on a grass head, near Hawthorn in flower, by lower reservoir, which on reaching home was found to have two "eggs" attached to apex of scutellum, which "eggs" very strongly resembled the "eggs" carried by ♀♀ Polyblastid Ichneumonidae.
About 10 other sawflies swept, of which only kept —
[illegible] melanopis 1♀, at [illegible] about 2 P.M.
[14 from 1 & 5 from 2, only kept, & then labelled 23/12/39 & 2/3/40 [illegible]]
Many others swept, but nearly all sent to B.M. & the following only kept:—
Cryptus 1♂, at 1 =
Hemiteles 1♀, at 1 (bicolorius (Grav.) [illegible])

237.

29.5.38 cont. Glenasmole, Dublin cont

[Pimpla [illegible]? 1♂ taken by E. O'Mahony]

Polyblastus varitarsus? 1♀, st 1, [illegible] [illegible].

[Mesoleius? sp. ♂ taken by E.O'M.]

Stenomacrus cf. nigritarsus? 1♀ st 1, with 26-seg. ant.

Stenomacrus rufipes? 1♀ st 1, with 19-seg. ant.

St. affinis? 1♀ st 1, with 22-seg. ant.

St. cubiceps? 1♀ st 2, with 23 seg. ant.

Plectiscus sp. 1♀ st 1, 21 seg. ant. P. — {10 ch.}

[Bracon fuscicoxis 1♀ taken by E. O'Mahony]

Apanteles 1 only: sent to B.M.

Rhogas circumscriptus: several: not kept.

Euphorus pallicornis? 1♀ from 2: kept.

Eubadizon extensor 1 dark ♂, not kept.

Blacus 1 small ♂, not kept (humilis or [illegible])

Opius 1 small ♂ only: not kept.

O. [illegible] 1 fine ♀ [& 1♂ taken by E. O'Mahony]

[illegible] carbonarius 1 or 2 not kept.

Alloea contracta 1♂, 1♀ not kept.

Phaenocarpa pratellae 23: 1♂, 23 seg. ant.

238.

29.5.38 cont. Glenasmole, Dublin, cont.

[illegible]: very many but few kept, as follows: —

G. semirufa 1♂, 18 seg. ant. from 1. G. fulvipes 1♀, 19 seg. ant. from 2.

G. [illegible] 1♀, apparently 16 seg. ant. [illegible]. G. ([illegible]) [illegible] 1 [illegible].

Dacnusa adducta 1♂. D. maculipes 1♂

D. lateralis 1 st 1, kept: others not kept.

D. pilosipes or lateralis 1♂, not kept.

D. sp. 1 st 1 (near lateralis: 25 seg. ant.)

D. [illegible] [illegible] 2. D. [illegible] [illegible] at 2 [illegible]

Aphidius: many, but only 1 kept

= G. [illegible]? 1♀ st 1.

Monoctonus caricis 1♀ not kept.

Proctotrupes: quite a number but only 1 kept (from 1)

=

30th May 1938. Garden, [illegible], [illegible], Dublin.

A ♀ Bombus pratorum seen at Mediterranean Heath which is still in flower.

239.

NORTHERN TRIP : WHIT 1938.

31st May 1938. Went by 9.15 exp. Amiens St. to Belfast. Spent aft at Queen's Univ. & on to Donaghadee by 5.12 train. Drizzle all day.

1st June 1938. Cold & windy, with heavy rain & gale at night. Wind E most of the day turning N.W & rising in evening. Insects very abundant in shelter in spite of low temperature.

"Coondara", Donaghadee, Co. Down. Had three spells of sweeping in "the jungle" & field W of same. [45 from 1, 23 from 2 & 27 from 3 kept & then labelled 25/vi/39 at [illegible]. AWS.]

1 = N.W. corner of shelter belt 11.0 – 11.30 AM.

2 = Sheltered edge of field W of belt. 12.30 – 1.0

3. Under trees at S.W. corner of shelter belt, just as rain came on 7 till 8 PM.

[illegible]) 1♂ at 3 — [illegible] OWR.
[illegible] } 2♂♂ at 1; & ♂♂ abundant at 2, amongst grass under trees.

Bombus lucorum mostly ☿☿, some ♀♀ seen.

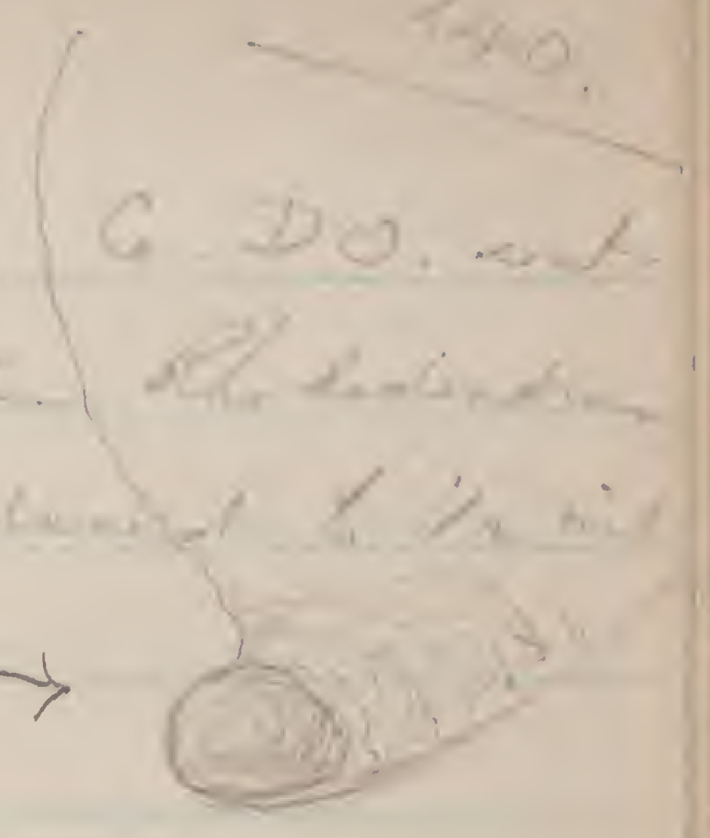
B. lapidarius 1 ♀ seen

B. agrorum ♀♀ frequently seen.

240.

1.6.38 contd. "Coondara", D'dee, Co. Dn. contd.

Vespa norvegica nest, 6" diam., in Rhododendron bush in garden, with entrance reduced to 1/2 in. with opening facing away from wall →



Odynerus parietinus 1♀ seen.

Sawflies. 2 spp. only kept.

Pristiphora ruficornis ? 1♂ at 1, only kept.

Ichn: mostly Diplazon [illegible] : few kept.

Stilpnus [illegible] 2♀♀ at 1.

[illegible] ♂ ? 1♀ at 3.

[illegible] ♀ at 2.

Homocidus flavolineatus ♂ at 2.

[illegible] 1♂ at 3.

Mesoleius 1♂ at 2. Polyblastus ♂? ♂♂ & ♀ at 2

Stenomacrus curvicaudatus, 2♀♀ at 1, with 25 & 26 seg. ant. / AWS. [illegible] 27.8.39

St. rufus ? 3♀♀ (20 seg. ant.) & 3 ♂♂ (21-22 seg. ant.) at 1; at 1♀ at 3, with 19 seg. ant.

St. cubiceps ? 1♀ (24 seg. ant.) & 1♂ (25 seg. ant.) at 1.

"[illegible]" transfuga ? 1♂ at 3.

[illegible] ?: 1 small [illegible] ♂ 22-seg. ant.

1.6.38 at "Coondara", D'dee, Do. cont.

Colastes braconii : not kept.

Sigalphus caudatus 1♀ at 1.

[illegible] 1♀ at 1. (not seen for labelling!) H.W.S. 27.12.39.

Eubadizon[?] fulvipes?? 1♀(?) at 1.

Meteorus bimaculatus? 1♀ at 1, small & dark.

Macrocentrus "n. sp. kept" 1♀ at 3.

Opius [illegible] only 1 kept.

O. pauxillus? 1♀ at 3.

Alysia truncata 1♀ at 3: the 2nd such specimen I have taken

Tanycarpa ancilla 1 rather large ♂.

Phaenocarpa ruficeps ♂ ♀: latter small, kept, from 2.

P. conspurcator ♂♂ ♀ not kept. P. livida? 1♀ from 1

P. tabida 1♀ from 3   P. flavipes? 1♀ at 3.

Pentapleura angustula ♂ ♀ frequent at 1: not kept (also 1♀ from 2 kept.)

P. pumilio ♀ : not kept

Aphaereta [illegible] 1♀ at 1.

Aspilota & Synaldis: 1♂ & 2♀♀ ref. to former & 2♀♀ ref. to latter [illegible] ♀; the latter [illegible] ref. to Syn. pauxicornis Th. (14 seg. ant.) & the 2 former ♀♀ (to A. minutissima; but with [illegible] the antennae [illegible] & [illegible] [illegible] to each other; the ♂ is perhaps the most [illegible] of all [illegible] [illegible] [illegible], but looks more like the 2♀♀ Synaldis. A ♀ Orthostigma maculipes that [illegible] with these [illegible] was taken at 1. All now kept together in box for ref. H.W.S. 27.12.39.

1.6.38 cont. " D'dee, Do. cont.

Aspilota (see note on last page). A. [illegible] 2♂♂ at 1 & 1♀ at 3, with resp. 17, 19 & 18 seg. ant.

A. [illegible] cornis 2♂♂ at 3 with 17 & 18 seg. ant.}. A. craniformis? 1♂, 2♀♀ at 2 with 24, 24 & 20 seg. ant.}. A. [illegible]? 2♀♀ at 1, with 17 & 20 seg. ant.

A. vulgaris? 2♂♂ at 2 & 3 with 21 & 20 seg. ant.}. A. [illegible] 2♂♂ at 3 [illegible] with 17 & 20 seg. ant.}. A. minutissima? 2♀♀ at 2 & 3 with 16 & ? seg. ant.

A. [illegible]?? 1♀ at 1, with 17 seg. ant. A. sp.? large ♂ at 3, 22 seg. ant. A. f. radialis? 1 large ♂ at 2 with 21 seg. ant.

A. (Synaldis) pauxicornis Th. 2♀♀ at 1 (see note on last page); 1♀ at 2; & ?? 1♂ at 3, with 19 seg. ant.

Orthostigma maculipes 1♀ at 1 (see note on last page). O. pumila? 1 small ♀ at 3, 21 seg. ant.

Dacnusa adducta several: 1♂ from 1 kept.

D. areolaris 1 few: 1♂ from 1 kept.

D. [illegible] ♂ not kept

D. sodalis 1♀ fide Nixon 30.10.38. D. [illegible] 1♂ at 3

D. [illegible] ♀♂ several: 2♂♂ kept, from 1.

D. [illegible]? 1 fine ♂ at 1, 29 seg. ant.

[illegible] niger? 5♂♂ at 1 (1 kept), 2♂♂ at 2 (1 kept).

Amitus[?] [illegible] 1♀ at 1. Chaenusa conjungens 1♀ at 1.

Microgaster[?] [illegible] several ♀♀: 1♀ from 2 kept.

Trioxys spp.: only kept from 1 = T. [illegible]? 1♀ at 1

Ephedrus plagiator 1♀ at 3

[illegible] very abundant: 1 kept only = [illegible], small ♀ at 1.

Zygota planiceps? One very poor specimen, small, fresh ♀, at 1.

Proctos. frequent [illegible]: only [illegible] kept (from 2 & 3)

=

Beetle at 3 =   Chalcid at 1 =
(very small)

2nd June 1938. Gale & rain from NE all night & intermittent rain till lunch, but gale increased & did not cease till bed time. In afternoon swept [illegible] grass & "not cut by Jane's staff" in evening!) in jungle & fields W & NW of "Coondara"; later in evening swept Squire Delacherois' plantation belt along N'ards road. Many [illegible] but few Braconids out.

"Coondara", Donaghadee, Co. Down
1 = "Jungle" (plantation belt) 3 PM.
2 = fields: 4 - 5 PM
3 = Squire's plantation. 7 - 8 PM.

[Very few worth keeping: most packed up for BM.]
[10 from 1, 18 from 2 & 30 from 3 only kept: these labelled 30.12 39 [illegible]]

Aphelopus [illegible] at 3.
Saw fly — [illegible] virididorsata 1♀ at 1
Cratichneumon rufifrons 1♀ at 3
C. (?) sp. ? smaller, much less red, [illegible], 1♀ at 2.
[illegible] [illegible] ♂?) at 2. {Cryptid [illegible] at 1
Picrostigeus recticauda 1♀ at 3.

2.6.38 cont. Donaghadee, Co. Do., cont.
Stenomacrus [illegible] 1♀ at 1, 2♀♀ at 2, 1♀ at 2.
St. rufus ? 1♀ at 3 & 2♀♀ at 2. St. [illegible] 3♀♀ at 2 ([illegible], not [illegible]).
St. pallipes ? 2♂♂ at 1 & 2.
Homotropus [illegible] 2♂♂ at 2. [illegible] 1♀ at 1.
[illegible] 1♀ at 2. Exochus [illegible], yellow [illegible] 1 (♂?) at 2.
Mesoleius 1♂ at 3.
Thersilochus ? 1♂ at 3, 1♀ at 1; [illegible]
[illegible] [illegible], [illegible]
Bracon epitriptus ? 1♀ at 1. B. sp. [illegible] at 3.
Euphorus pallipes ? 1 at 2; [illegible].
Apanteles [illegible] ♀ at 3.
Rhogas [illegible] 1♀ at 3.
Blacus tripudians 1♂ at 2, very dark [illegible]!
Opius pygmaeus 1♂ at 2. O. [illegible] 1♀ at 3.
Aphaereta tenuicornis 1♀ at 1.
Orthostigma [illegible] 1♀ at 2
Aspilota [illegible], [illegible] at 2.
A. [illegible] 1♀ at 3.
A. [illegible] 1 [illegible] ♀ at 2, [illegible] at 3.
Dacnusa [illegible] 1♂ at 1. D. [illegible] 1♀ at 1
D. sp. [illegible] at 2. D. [illegible] 1 [illegible], ♀ at 3
D. [illegible] 2♀♀ at 3. D. [illegible] 1♂, 1♀ at 3

2.6.38 cont. Donaghadee, Co. DO., cont.

[illegible] 2 ♀♀ at 2.

[illegible] : 1 at 1 =

1 at 2 =

1 at 2 =

Weevils: 1 black, at 2 =

1 mottled at 2 =

3rd June 1938. Left Donaghadee at 10 A.M. My sister May (MacPherson) drove us to Belfast (via Bangor) where caught 12 noon train for Portrush where auto took us to Red House Hotel, Portballintrae (formerly "Mrs Traill's"!). After lunch walked to mouth of R. Bush, across footbridge & up rt bank of river to lime-kiln just above tramway bridge. Very little changed since 1898 (when [illegible] stayed at Bushfoot). Then walked across sandhills

[illegible]

3.6.38 cont. Bushfoot, AN., cont.

to the stream & back via strand. Swept along Bush river from footbridge to lime kiln (=1) & by stream in dunes near ~~at~~ front Causeway end of dunes (=2).

Bushfoot, Co. AN. 3-6 P.M.

Rt. bank of R. Bush = 1

Sandhills & sand by stream = 2

[10 from 1 & 23 from 2 labelled 2/11/40; some few labelled previously & labelled & put away! A.N.S.]

[illegible]

Bombus lucorum & agrorum ♀♀ seen.

B. muscorum 2 ♀♀ seen.

Halictus rubicundus 1 ♀ seen by path along cliffs.

Tenthredopsis nassata 1 black & [illegible] ♀ at 1.

Stenodontus marginellus 1 ♂ at 2.

[illegible] 1 male at 2. =

[illegible] [illegible] 2/11/40 A.N.S. [illegible]

Purple [illegible]

3.6.38 cont. Bushfoot, AN., cont.

Psenulus [illegible] 1 [illegible], not kept.

[illegible] [illegible] [illegible]

H[illegible] [illegible] 1♀: not kept

S[illegible] = [illegible], [illegible]: = S. cf. [illegible]?, with [illegible] mg. cont.

[illegible] 1♂ at 2.

[illegible] [illegible] 1♂ at 2, not kept

[illegible] [illegible] at 2, 1♂ only kept = M.

L[illegible] [illegible] 1♀ at 2

Aphidius [illegible] ? [illegible] 3♀♀ at 2: 1♀, 1♀ [illegible] mg. [illegible]

A. [illegible] 1♀, [illegible] mg. at 2.

[illegible] epitriptus ? 1♂ at 2, with 30-mg. cont.; [illegible]

[illegible]. 1♂ at 2. = [illegible]

[illegible] sp. ? 1♂ at 2 (not [illegible] [illegible] [illegible]!)

[illegible] ripicola? 1♀ at 2

Tryphon [illegible] cf. [illegible]? 1♂ at 2, with 19 mg. cont. large head, long petiole, ♂.

[illegible] [illegible] 1♂ at 2.

Opius cf. instabilis? 1 (1♂ + ♀) at 2, 3♀ mg. cont. 1 [illegible] 2 [illegible] mg.

3.6.38 cont. Bushfoot, AN., cont.

Opius [illegible] 1♀, [illegible] mg. cont. at 2. [illegible] 1♀ [illegible] ♀, 28 mg. cont. at 2

[illegible] [illegible] 1♂ at 2. [illegible] [illegible] [illegible] [illegible] 1♂ at 2, 19 mg. cont.

[illegible] [illegible] at 2. D. [illegible] ♀ at 2. [illegible] [illegible] ♀ at 2

[illegible] [illegible] 1♀ at 2

[illegible] [illegible] 2 [illegible] at 2: [illegible], 6th [illegible]

[illegible] [illegible] with [illegible] at 2: [illegible] [illegible] labelled [illegible]

[illegible] 2 at 2 = [illegible] ♀♀

[illegible] from large, yellow [illegible] [illegible] Ephedrus; abundant, [illegible] not kept [illegible] on opposite page.

= Hallicoptera [illegible] Spin., [illegible], 1939)

6th June 1938. Drizzle all day, with strong chilly SE. wind. Yet owing to wind drizzle dried as fell in afternoon. [illegible] with [illegible] a little along stream in sandhills, i.e. on 3rd Stream N of Bush River, 1/2 mile below [illegible] Causeway Hotel, in sandhills, Bushfoot, Co. AN. 3 till 5.30 p.m.

[15 Sept & then labelled 3/1940: a few labelled [Bushfoot (2)] in error, 4 or 5.]

Bombus agrorum. 5 [illegible] close [illegible]

Pogonocerus [illegible] 1♀, black head, not kept

[illegible] [illegible]? 1♂

4.6.38 cont. Bushfoot, A.N., cont.

[illegible] [illegible] ? 1♂

St. [illegible] ? 1♀

[illegible] 1♂.

[illegible] 1♂.

[illegible] [illegible] 1♂.

Pompilus [illegible] 1♀, 21 [illegible]

[illegible] [illegible] 1♀ [illegible] [illegible] ??

[illegible] [illegible]? 1♀

[illegible] [illegible] [illegible] by [illegible] [illegible] E of tramway
D. [illegible] 1♂

[illegible] :—

Lepidoptera :—

5th June 1938. A very bright morning with strong S.-S.E. wind but no sun; heavy showers about & one terrific one with hail, very cold, at 12.45 ended collecting for the morning. In afternoon heavy hail shower at 3 P.M. made collecting difficult, but did some along river & in lane across McNaughton plantation.

5/6/38. AM. Bushfoot, Co. A.N. 11.0 AM till noon.
1 = edges of electric tramway from Portrush to bridge over Bush R. & sandhills beyond (N.) of same; but very few taken at last place except Pompilus & 1♀ [illegible]

2 = Marsh at head of ~~[illegible]~~ stream through sandhills as on 2nd & 4th but higher up.

[5 from 1 & 23 from 2 labelled 4/6/40? A.W.S.]

Bombus agrorum ♀♀ only, 1 few; one on Primrose flower.
Pompilus [illegible] 4 1♀ [illegible] [illegible] [illegible]
Anteon 1 at 2.
[illegible] [illegible] 1♀ 1 2.
[illegible] 1 at 2.
[illegible] [illegible] 1♂ at 1.
[illegible] [illegible] 1♀ at 2.
St. [illegible] 1♂ at 2. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

5.6.38 AM. cont. Bushfoot, Co. AN. cont

Polypedilum ? 1♂ in [illegible], red, at 2.
P. ?? 1♂ with [illegible], red, at 2, [illegible] [illegible]
not [illegible].
[illegible] [illegible] [illegible], ♂, milky wings, at 1.
[illegible] 1♂ at 2. 24 seg ant.
[illegible] [illegible], 1♀ at 2.
[illegible] [illegible] 1♀ at 2, in [illegible]; [illegible] [illegible] [illegible].
O[illegible], [illegible]? 2♂♀ very small, at 2 {[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] not [illegible]. 5.10.8.1941.}
O. [illegible] 1♂ at 2, small, with 23-seg ant.
[illegible] [illegible] 1♀ at 1, but with [illegible], & with 20-seg ant.
[illegible] [illegible] 1♀ at 1.
D. [illegible]: dark legged form! 1♀ at 2.
D. ? [illegible] 1♂, with 24 (broken?) seg ant., small, [illegible].
D. striatula 1♀ in ♂ at 2. 30 seg ant.
D. [illegible] 1♂ at 2, with 20 seg ant., [illegible] [illegible] [illegible] to [illegible] [illegible] regard.
[illegible] [illegible] 1♂ 1♀, [illegible], at 2.

Route. 2 : =

5.6.38 Afternoon.

Did a little sweeping on the bank of the Bush between mouth & tram-bridge & just above same before heavy shower; later walked across fields & by lane to Bushmills – Giant's Causeway road & here took a few [illegible] on Sycamore [illegible] & in ditch on return journey; also swept flower heads of [illegible] [illegible].

Bushfoot, Co. AN.

3 = right bank of river (as above)
4 = lane through plantation at Dundarave
(McNaughton place!).

[7 from 3 & 16 from 4 labelled 7/1/40; on other [illegible] labelled [illegible]]
Bombus agrorum ♀♀ only seen: a few.
[illegible] [illegible] 1♀ swept off bracken between 3 & 4.
[illegible] [illegible] ? at 4.
[illegible] 1♂ at 4.
[illegible] [illegible]? 1♀ at 3.
[illegible] 1♀ at 2.
[illegible] [illegible]? 1♂ at 4.
[illegible]? 1♂ at 4.
[illegible]? 1♂ at 4.

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5.6.38 aft. cont. Bushfoot, Co. AN. cont.

Bracon [illegible]? 1♂ at 3.

B. [illegible]? 1♂ at 3

B. [illegible] 1♀ at 3.

Phygadeuon [illegible] 2♂♂, 1 [illegible], [illegible], at 4.

[illegible] 1♂ at 4.

[illegible] 1♀ at 4.

Leiophron [illegible]? 1♂ at 4.

Pentapleura fuliginosa 1♂ at 4.

[illegible] black of [illegible] 1♀ at 4.

Ly. cf. [illegible]? 1♂ at 3, with [illegible]

[illegible] 1♂ at 4.

Trioxys [illegible] 2♀♀ at 4; very nice!

? 1♀ at 4.

Aphidius 1 small ♂, [illegible] at 4.

Roots. 1 at 3.

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6th June 1938. Semi-gale all day with SE (cold) & SW (very cold & soft) p.m.; drizzle from dawn to light till 4 PM when finer rain on & on till 7 when more rain. Collecting impossible in morning owing to rain & almost so in aft., but then did a little sweeping along stream bottom in dunes, where some slight shelter, as on previous days.

[20 labelled 2/1/40! A.W.S.

Bushfoot, Co. AN. 3 till 6 PM.

All swept along stream in dunes, N. of river Bush.

Bombus [illegible] ♀♀ frequent.

[B. lucorum several ♀♀ along cliffs near mouth of river]

[Psithyrus distinctus 1♀ on flower at mouth of river]

Melanichneumon sanguinator 1♀.

Stenomacrus [illegible] 1♂.

St. [illegible] 1♀ (antennae broken!)

[illegible] 1♂

Promethes pulchellus 1 large ♂.

6.6.38 cont. [illegible] [illegible], Burkfort, NW cont.
[illegible]? 1♀
[illegible] 1♀

[illegible]? 1♂ [illegible] [illegible] [illegible]
Taken on 3.6.38!
[illegible] 1♀ [illegible] [illegible]
[illegible] [illegible] [illegible] 1♂
[illegible] [illegible]? 1♀
[illegible] [illegible] 1♀, [illegible] [illegible] [illegible] [illegible].
[illegible] microptera [illegible]
[illegible] [illegible] 1 small ♀.
[illegible] [illegible] 1♂
[illegible] [illegible] 1 small ♀.
[illegible] [illegible]? 1♀, taken with [illegible] [illegible] [illegible]
20-21 [illegible] cont.
Aphidius [illegible] [illegible] ♂?

Procts. =

Diptera =

7th June 1938. After a gale all morning, a fine fresh evening, but wind still strong & a gale from SW-W & collecting almost impossible. Tried sweeping in shelter at mouth of [illegible] (right bank) below [illegible] =1 & again in lane from Burkfort to [illegible] very low for land =2 Burkfort, C. AN.
Bombus lapidarius 1♀ [illegible] [illegible]
B. agrorum 5♀ [11 kept & these labelled 10/1/40 AWS]
Myrmica [illegible] in dunes.
[No [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]]
Spilocryptus [illegible] 1♀
Tryphon [illegible] 1♂, [illegible] [illegible].
[illegible] 1♂

[illegible] [illegible] ♀ at 1, [illegible] ♀ at 2

[illegible] 1♀ [illegible] [illegible], [illegible] [illegible].
Opius [illegible] 1♀ at 2, in [illegible].
[illegible] [illegible] 1♂

[illegible] [illegible] 1♂ in dunes
[illegible] [illegible] 1♀

7.6.38 AM cont.

Sw. fly: [illegible] [illegible] 1♂

7.6.38. Taken in hotel, Portballintrae, AN.
Pimpla [illegible] Grav. 1♂

7.6.38 P.M. Day of [illegible] spoilt by frequent heavy showers which spoiled collecting. Driven by Mr & Mrs [illegible] of Belfast via Ballintoy & Ballycastle to Murlough Bay. Spent a few minutes at head of wood there sweeping under trees & took a few [illegible] & one Cryptid. No doubt there would be [illegible] working. [Examined 10/2/40 W.H.]

Dolerus [illegible] 1♂

[illegible]

Cryptid ♂ =

Phygadeuon ♀ =

[illegible] 1♂

" 1♀

[illegible] "[illegible]" 1♂ = [illegible]

Aspilota of [illegible] 1♀ [illegible] [illegible] [illegible]

[illegible]

8th June 1938. A beautiful day spoiled by frequent & torrential showers of rain & hail. In morning, which promised very fine, cycled by Bushfoot sandhills to Lane past Ballylaggan House (1 in. Ord. map.) to [illegible] & Bushmills, where arrived only a minute before the first shower. During interval between first & second showers tried a little sweeping in most sheltered spots under trees: the second shower, the heavy hail, ended collecting. During second shower saw what looked like a large Sphegoid alight in front of me & just got my net whipped down to catch it as it departed. This proved to be a fine ♂ of [illegible] petiolaris [illegible], the first one I have taken of this species & so far as I know only the second taken in Ireland — the first being in coll. of the late Rev. W. F. Johnson in Nat. Mus., Dublin, where I discovered it only a few months ago. Haliday's specimens were sent him from England by Curtis & Walker. Between 2nd & 3rd shower we reached [illegible] bridge & [illegible] between 3rd & 4th. In afternoon showers were too frequent to allow anything to dry & thus only collecting

8.6.38 [illegible] cont.

possibly [illegible] on dunes N. of tramway bridge, Bushfoot, then took [illegible] for [illegible].

8.6.38. AM [illegible]

Lane through plantation at Ballytaylor House near Dundarave, Bushmills, Co. AN.

[39 labelled [D. Bushfoot Co. AN AWS. 8.6.38] 14/1/40; these previously labelled [illegible] A.W.S.]

Dicranota petiolata? 1♂ during these, see note on previous page.

[illegible] 1♂ 1♀.

[illegible] affinis ♀♀. D. [illegible] ♀ D. [illegible] 1♀.

[illegible] 2♀♀ [illegible] 1♀. Erioptera elegans 1♀

[illegible] 2♂♂ + ♀♀ [illegible] ♂ + ♀ [illegible] 2♀♀

[illegible] 1♀ [illegible] 1♀. [illegible] 1♀

[illegible] 1. [illegible] 1♂.

[illegible] 2♀♀ [illegible] [illegible] 2♀♀

[illegible] 1 small ♂. {[illegible]}

[illegible] 1 [illegible] 1♀, [illegible] 1♀.

Homoneura [illegible] 1♀ [illegible] 1♂

Mesoleius 1♂ [illegible] 1

[illegible] 1♂ [illegible] 1♀

[illegible]

8.6.38. AM cont. Dundarave, Bushmills [= Bushfoot] AN. cont

[illegible] 3.1.1947.

[illegible]

[illegible] 14/1/40.

=

[illegible] 1♀

[illegible] ♂ [illegible]

[illegible] 1.

8.6.38 P.M. 3 to 5 P.M. [Only 9 kept & these labelled [Bushfoot 8.6.38 PM [illegible]]]

Sandhills, N. of river, Bushfoot, Co. AN.

[Small Helicella intersecta (? caperata) abundant in dry hollows [illegible] SW of the highest dunes!]

Limonia [illegible] 1♀

= Dicranomyia [illegible] Type AWS [illegible] 938!

L. [illegible] 1 small ♀. [illegible] 2 ♂♂.

[illegible] 1♀

[illegible] 1♂

[illegible] ♀ =

Ants: Myrmica [illegible] ♀.

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9th June 1938. Another beautiful day spoilt by heavy & frequent showers from SW–W. though in afternoon a [illegible] from the sea (NW). Spent both morning & afternoon in lane at "Sally Taylor Ho.", N of [illegible], as on 8th, but almost impossible to sweep owing to wet vegetation, though [illegible] of drying. In morning took [illegible] 1♀ Dasineura [illegible] during [illegible], the same with 4 [illegible] of that taken on 8th, to take at field end of plantation & also in the lane. All these were taken along Ranunculus repens [illegible] the dominant plant, but many grasses & other plants also [illegible]. In afternoon getting desperate at appearance of [illegible] showers I went into the plantation W of lane & did some [illegible] sweeping till the net was sodden & in doing so [illegible] a ♀ [illegible] shot flew off her nest containing about a dozen eggs.

Morning = 1 Afternoon = 2.

[23 from 1 labelled 18/1/40 & some already labelled
67 from 2 labelled 18/1/40 & some already labelled

D. Burkfort
Co. AN. AWS.
(1)(2) 9.6.38

[Stenomacron [illegible] 1♀ subsequently found – cannot take [illegible] taken on this date AWS 20/1/40]

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9.6.38 cont. Lane & plantation at "Sally Taylor Home", [illegible], Cushendall, Co. AN.

Bombus [illegible] 1 huge ♀ seen [illegible] to fly after [illegible]; also several ♀♀ B. agrorum ♀♀.

Vespa rufa several ♀♀, one kept. N.B.S. also [illegible] a ♀ Vespa at same place on 8th, [illegible] doubtless same species; one very "red" ♀ kept.

Sawflies 3 = Tenthredo arcuata 1 dark ♂ at 2.
Amauronematus glabrata 1♀ at 2. Pteronidea myosotidis ? 1♂ at 2
[illegible], [illegible] ♀ at 2, ? gen et sp. [illegible]
[illegible] 1♂, 2♀ [illegible] at 2 [illegible] ? 1♂ at 2
[illegible] 1♂ at 2 [illegible] 1♂ at 2
[illegible] 1♀ at 2. [illegible] ?, dark, [illegible], 1♂ at 2.
Tenthredo [illegible] ? 1♀ at 2. [illegible] 1♀ at 2.
Stenomacron [illegible] ? 1♂, 1♀ at 1; 2♂♂, 2♀♀ at 2.
St. cf. [illegible] ? 1♀, dark type, at 1. P. [illegible] ? 1♂ at 2.
P. [illegible] 1♀ at 2. [illegible] 2♂♂ at 2.
[illegible] 1♂ at 2. [illegible] 1♀ & 1♂ at 2.
[illegible] ? 1♀ at 2.
[illegible] 1♀ at 1. M. [illegible] ♀ at 1.
M. ? [illegible] 1♀ at 2.

263.

9.6.38 cont. Bushmills, Co. AN., cont.

Campoplex(?) :- 1♂ at 2.

Thersilochus? 2 spp. ! — 2♀♀ at 2

1♀ at 2.

Bracon epitriptus? 1♂ at 1 & 2 ♂♂, ♀, dark legged var. at 2.

B. communis? 1♀ at 2

Rhogas of. [illegible] 1♀ [illegible], of circumscriptus var.

Apanteles lateralis? 1♀ at 1 & 1♂ at 2.

Meteorus fragilis 2♂♂ at 2

Euphorus of. [illegible] pallipes, [illegible] 1♀ at 1.

Opius exsul? ?? 1♀ at 1, 2 ♀♀ at 2 } One of these ♀ has maculated leg & is ref. to O. rufipes [illegible] which is possibly only a var. of exsul Hal. AWS. 8.1.1946.

O. cingulatus 1♂ at 1

O. lugens ?? 1♂ at 2.

Alysia manducator 1♂ at 2

A. atra 1 small ♀ at 2.

Tanycarpa [illegible] 1 small ♂ at 1.

Phaenocarpa conspurcator 1 small ♂, with 30 seg. ant. at 2.

Ph. picinervis 1♀ at 1

Ph. flavipes? 1 small ♀, with ant. 26 seg. ant. at 1

Aspilota [illegible] 2♂♂ at 2 (27 & 28 seg. ant.) & 1♂ at 2 (22 seg. ant)

= A. cynipides

A. vulgaris (?) / areolarum (each) { 2♀♀ at 2, with 16 seg. ant.

264

9.6.38 cont. Bushmills, Co. AN. cont.

Aspilota (dark ♀? / vulgaris) } 1♀ at 2, with 16 seg. ant.

A. (Synaldis) [illegible] 1♂ at 2

A. ( ) [illegible] ? 1♀ at 2.

Dacnusa [illegible] 1♂ at 1

D. [illegible] 1♀ at 1, [illegible] at 2. D. [illegible] 3♂♂ at 1, 15♀♀ at 2

D. [illegible] 1♀ at 2, with 26 seg. ant., small species.

D. [illegible] 1 small ♂, with 31 seg. ant. at 2

Dacnusa [illegible] 1♂, 1♀, at 1, [illegible]

D. [illegible] 1♂ at 1, with 33 seg. ant.

D. [illegible] ? 1♂ at 1, 2♂♂ & 2♀♀ at 2

D. [illegible] 2♂♂ at 1

D. [illegible] ? 1 fine ♂ at 2, with 25 seg. ant.

D. areolaris ? 1♂ at 2, with trace of [illegible].

Coelinius elegans 1♀ at 2

Aphidius of. [illegible] ? 1♀(?) at 1, 18 seg. ant.

Proctos. 10 at 2 = [illegible] 2♂♂, 1♀.

Lepidopt. 1 at 1 =

Returned to Dublin on 10th June 1938. Did not collect

12th June 1938. A fine day, hot & sultry in afternoon after a sultry morning.
Charles Oldham & Mrs O. with us for week-end on their way back to England. Did not go out in morning. In afternoon drove to The Curragh, (Co. Kd.), & did a little sweeping along E side of railway between two bridges over same, but conditions not favourable. [24 kept, these labelled 23/1/1940 AWS.]
W. edge of The Curragh, (Co. Kd). 4.0–6.30 PM
[illegible] 1♂, [illegible]
[illegible] 2♂♂. [illegible] ♀
[illegible] ♀, 12 very [illegible].
[illegible] ♂ [illegible]. [illegible] 1
[illegible] 1♂. [illegible] 1♂♀
[illegible] ♂
[illegible]? 1♀ [illegible] 1♂
[illegible] 1♀. [illegible] 1♂.
[illegible] 1♂, 1♀
Proctos. 5.

Chalcid (Brachypterous) 1 very small

13.6.38 Taken by E O'Mahony in West Donegal
Stenocranus [illegible] ♀
at [illegible]

Cicadula [illegible]? ♀
at [illegible]

13.6.38 Taken in garden,
14 Clarenville Rd. Harold's Cross,
Dublin, by A.W.S.
Macrosiphum? red f. 1♀
Aphididae 1♀

13th June 1938. A very hot day & sunny but [illegible] in late afternoon, NW breeze. The first real summer day of the season. Drove in afternoon to Glenasmole & did some sweeping in various places, being careful not to go near [illegible], [illegible] way to [illegible], [illegible] many places [illegible] some of the [illegible].

Glenasmole, Co. Dub. [39 kept & these labelled 24/1/40 AWS. Some labelled previously!]
1 = [illegible] on W. side of [illegible], by [illegible] & [illegible] Carex [illegible].
2 = under trees along the [illegible] below upper dam.
3 = various spots round upper reservoir & under trees by [illegible] on return journey.

[illegible] distinctus 1 [illegible].
[illegible] 1♀ at 1. ♀. 1♂ at 2.
Pezomachus [illegible] 1♀ at 2.

[illegible] 1♀ at 3.

Triclistus aethiops? 1 at 1

Polyblastus ♂ 3♂♂, 26–[illegible] at 1
P.? ♀ 1♂, 29–[illegible] at 1.

267.

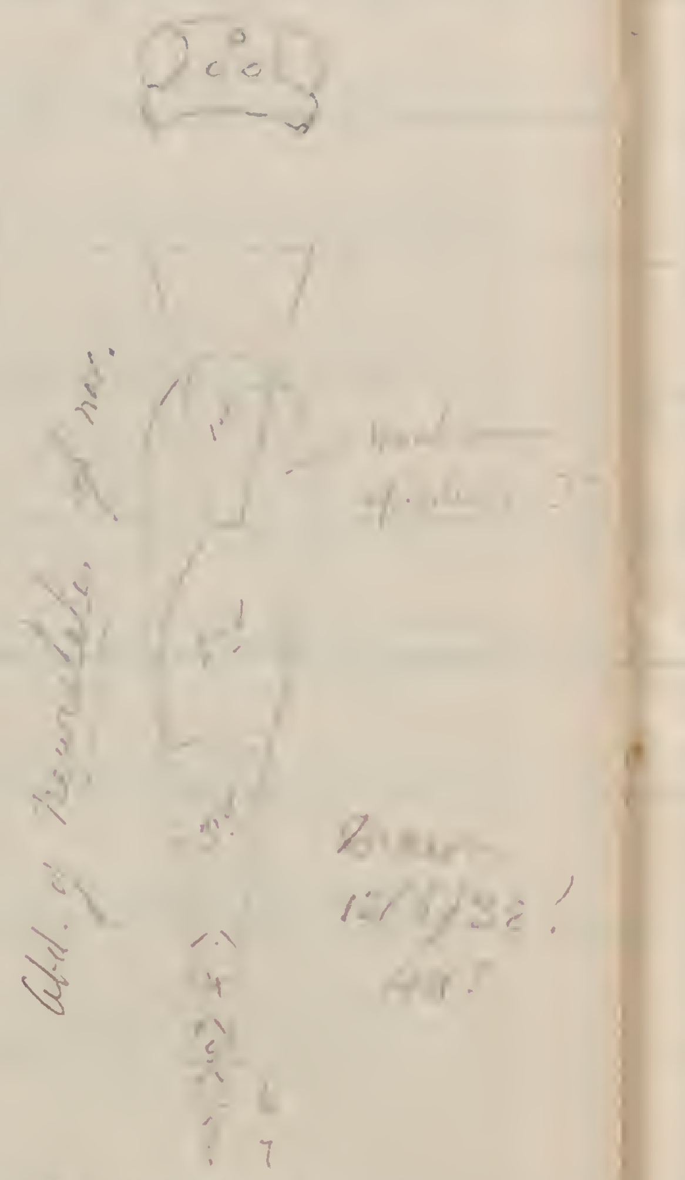
13th June 38 contd. Glenamoor, Co. Dev. contd.

~~[illegible]~~

Stenomacrus (Neurateles?) (looks like an elongate Orthocentrus but is so areolate, &c.) at 1 = same sp. as 20th of 9 taken here on 25.5.38.

Sp. 1♂, at 3, 21-seg. ant.

Sp. [illegible] 1♀ at 1.



Add. [illegible] Neurateles [illegible] nov.

Drawn 12/8/38! AWS

St. (Neurateles) echinopygus n. sp. AWS. 25-1-1940

Stenomacrus (Neurateles) n. sp. echinopygus mihi 1♀ at 3: has [illegible] seg. of abd. narrowed to apex & apical segment [illegible] pilose, short bristly; head narrowed behind eyes & deeply excavated behind.
= ? Neurateles [illegible] [illegible].

Thersilochus? 1♀ at 3, with 18 seg. ant.
Mesochorus 1♀ at 3.

Bracon [illegible] 1♀ at 2.
Rhyssalus 1♂ at 1.
Euphorus pallipes? 1♂ at 1. Microctonus 1♀ at 2.

268.

13th June 38 contd. Glenamoor, Co. Dev. contd.

[illegible] [illegible] 1♂ at 2.

Aspilota major 1♀ at 3, with rudimentary disco-cubital nerve.

Aspilota [illegible] 1♀ [illegible] at 2. A. fulvicornis 1♀ at 1.

A. liogaster n. sp. 1♀ (Type!) & 1♂ at 1, with smooth petiole; 2♀ with terebra 2/3 abd., &c. A.W.S. 26.1.1940! at 1. A. [illegible]

A. [illegible] 1♂ at 2. A. cynipidis 1♀ at 2, with long, 21-seg. ant.

Dacnusa [illegible] 1♀ [illegible] at 1.

D. elegantula 1♀ at 1.

D. [illegible] Haem. ? Marsh 30/10/38 1♀ at 2.

D. petiolata 1♀ at 1

Diptera 2 at 1 + 6 at 2 : =

This odd ♀ Aspilota has peculiar features in common, smooth petiole, short antennae, & 2nd cubital cell narrowed at apex, with angle near base at lower side, &c.; therefore I think this is a new species near fulvicornis mihi. AWS. 25/1/1940.

Hemiptera 2 at 1 = {Gastrodes ferrugineus L. on pine [illegible] / Psallus betuleti Fall.
Beetle: at 3 = Gastroidea polygoni L.

14th June 1938 [illegible] C.O. & Mrs O. [illegible] [illegible] at 8.30 am. | This was the last time I ever saw C.O.; he died early in 1942!
A hot day, but dull [illegible] in afternoon.
In garden, [illegible] Road, [illegible] found on [illegible] ([illegible]) [illegible] & also [illegible] [illegible] & some [illegible] Hylaeus communis as well as hundreds of [illegible] & [illegible] [illegible], which are [illegible] in old [illegible] though the [illegible] [illegible] to [illegible] during the winter.

18.6.38. First Chrysis ignita (? a small ♂?) seen at [illegible] post in garden, [illegible], Dublin at 5.30 P.M.

Fresh ♀ Bombus lucorum came into my room in museum to "hibernate" as in all previous years!

19th June 1938. Very windy day (W) with rising glass after a depression; but mild & many insects out in shelter.
Drove (10.30 AM) to Blessington & collected for 1½ hours in swampy field sheltered by trees just above Blessington Bridge (over Liffey) & below the Blessington – Ballymore road; then drove on to Kippure Lodge, via Kilbride, & collected in birch scrub for rest of the day. No rain after early morning shower, & one at 11 AM.

[35 kept & these labelled 27.28/1/40! [illegible]

19.6.38. cont. Swampy field just E of Blessington Co. Wi. 11.30 till 1.0 PM.

Wood White Butterfly, two seen in rushy field 1 mile E of Blessington, one apparently laying eggs on leaves of Ranunculus repens.

Psithyrus barbutellus 1 ♀ seen, but no other "Bumbly".

Dryinids: several.

Empria balteus? 1 ♀ swept.

19.6.38 cont. Blessington, Co. Wi. cont.

[illegible] pygmaeum ♀.

Crossocerus elongatulus 1 ♀.

Leptocryptus aereus? 1 ♀.

L.? [illegible] ?

Hemiteles? red legs, black joints, 2 ♀ [illegible]

[illegible] out of 10♂ =

Mesoleius 1 ♀.

Polyblastus varitarsus? 1 ♂

Mesochorus 1 ♂

Do. 1 ♀.

[illegible] (Thersilochus) [illegible]? 1 ♀

Megastylus ? 1 ♂. Black face & sides, 30 very act.

Bracon (Leptoceptus?) 1 ♂, very large, 25. very act. ?

Rhogas nigricornis 1 ♂. Other [illegible] 1 ♂.

Aspicolpus carinator? 1 ♂

[illegible] 1 ♀. Perilitus 1 ♀, 17 small. 18, very act!

Meteorus cinctellus? 1 ♀, antennae broken.

Calyptus tibialis ♀.

Opius [illegible] 1 ♀. 29 very act.

Do. ? [illegible] 1 ♂, 27. very act.

271.

19.6.38 cont. Blessington, Co. Wl. cont.

Aspilota ♀, stout 20-seg. ant. = [illegible]. a fine ♀, [illegible]
A. ♂ long, 22-seg. ant. = ? near last but smaller proportion.
A. very small ♀, 13-seg., [illegible], ant. = } possibly very small
A. very small ♀, 16-seg. paler, more slender, ant. = } specimens of [illegible]
A. small ♀, 16-seg. ant. = ? a small vulgaris ♀.
A. small ♂, 21-seg. ant = ? " " ♂.
A. (Synaldis) ♂, 20-seg. ant. = S. [illegible] (or concolor)?

Dacnusa [illegible] 2 ♀♀ [illegible]
D. [illegible] 2 ♂♂. D. [illegible] 1 fine ♀
D. [illegible] 1 ♂ D. [illegible] 1 ♂, [illegible]

Bracon [illegible] 2 ♀♀, very perfect specimens!

[illegible] 2

[illegible] [illegible]

272

19.6.38 cont. Birch scrub just N. of Kippure Lodge, Athdown, Co. Wl. 2.30 – 5.30 P.M.
1 = S. of road & between road & R. Liffey.
2 = between road & upper ("Military") Rd.

Nomada marshamella, several, on daisies, & quite a number of Halictus seen. [illegible] spinosus 1♂ at 1
Vespa rufa 1 ♀, coloured like austriaca seen on log.
Crabro varius several examples
Pompilus spissus 1 ♂ swept.
Dolerus aeneus ~~several~~ Leptothorax acervorum, ♂♂ ♀
D. [illegible] ♀ 1 ♂ swept at 1 (or 2?)
Pachyprotasis rapae 1 ♀ at 2, not kept

56 from 1 & 30 from 2 kept & these labelled 31/1/40. Some few promising labelled!

Selandria serva 2 ♀♀ swept at 2
Nematus [illegible] 1 ♂ swept at 1.
Pristiphora pallidiventris 1 ♀ at 1.

[illegible] [illegible] 2 ♂♂, 4 ♀♀ kept. =

Homalota? small [illegible] ♂ at 1 = H. [illegible] 1 ♂ at 2.
H.? [illegible] ♀ at 1 = Leptocera [illegible] at 2
H. ?? [illegible] [illegible] very [illegible] in proportion, ♀, at 2.

273.

19.6.38 cont. Ashdown (Kp.L.), Co. Wl. cont.

Acrodactyla degener 1♀ at 1.

Exyston cinctulus 1♀ at 2. Stenomacrus sp. (1♂ at 1, 1♂ ♀ at 2)

Bassus dorsalis, dark var., 1 beautiful ♀ at 1. Homocidus tarsatorius 1♂ at 2.

Mesoleius 1♀ at 2. Ctenopelma luciferum ♂♂, at 2

few at sp.? (like ~~[illegible]~~ ? 1♂ at 1. — Dolichocholus longicaudus. Stelfox fide J.F. Perkins: [illegible] 4.4.1953.

Gen. et sp.? Very nice ♂ yellow face, orange black legs = Asthenara [illegible]formis n. sp. KWS. 1961.

& abd., 39 seg. ant., long petiole 1♂ at 1. = See line above.

Cryptocentrus cf. albipes? 1♀ at 1. 16 seg. ant.

Adelognathus brevicornis? 1♂ at 1, 14 seg. ant.

Stenomacrus laricis? 1♂, 1♀

Aperileptus 1♀ at 1. A. [illegible] 1♀ at 1.

Mesochorus 1♂ at 1

Plectiscus 1♂ at 2

Phaenocarpa? 1♀ at 2. Lissonota [illegible]

Campoplex 1♀ at 1.

Bracon flavipes 1♂ at 2, rather dark

Orthocentrus 2♂♂ at 1, red & black abd. seg., stripes at base ant.

Aspilota fuscipennis 1♂, 1♀ at 2.

Euphorus (? 30 Stelfox) 1♀ at 1, 6♀♀ at 2, 14 seg. & pale ant.

Microctonus sp. nov.? 1♂ at 1, black, yellow face, 27 seg. long slender antennae.

Microgaster [illegible] 1♀ at 2 with 32 seg. ant.
of [illegible]

274.

19.6.38 cont. Ashdown (Kp.L.), W1, cont.

Phaenocarpa ruficeps 1♀, [illegible] 20 seg. ant. at 2.

Alysia fuscipennis ? 1♂ at 1.

Leptorrhaptus sp.? 1 large at, [illegible], at 1.

Dinotrema capito 2♂♂, 1♀ at 1. Synaldis punctata at 1.

Opius ~~[illegible]~~ apiculatus? 1♂, 22 seg. ant. at 1. Orthostigma [illegible] 1♂ at 1

Aspilota grandis? 1♂ with 29 seg. ant.; 1♀ with short 22 seg. ant.; 2♀♀ small, with only 20 seg. ant.; all seem same species, though 1 small ♀ has straight 2nd [illegible] of radius (like typ. of grandis), but other has the concave towards; all at 1.

A. vulgaris? 1♀, with 19 seg. ant., & 1♂ with 22 seg. ant., at 1.

A. ruficollis? 1♀, 16 seg. ant., petiole not very red, at 1.

A. [illegible]? 1♀, 16 seg. ant., at 1.

Dacnusa erythraea? 1♂ at 1, with 24 seg. ant.

D. very small sp. yet with 27 seg. ant. 1♀ at 1, long prop. & petiole, reddish-yellow legs.

D. areolaris? 1♂, 35 seg. ant., at 2.

Oenone [illegible] & Oe. [illegible], both spp. at both 1 & 2.

Proctos. 2 at 1 & 2 at 2 =

Chalcids: 2 at 1 =

Cynipid: ? Cherry-Gall sp., ♂ at 1

Diplazon 1 at 2.

Beetle: 1 Longitarsus [illegible], 1♂.

21.6.38. Breeding [illegible] Pd., Harold's Cross, Du. 1♀ [illegible]
Bracon volucre? ♀ at light.

19.6.1938. Taken in [illegible] by E. O'Mahony.
Homalota [illegible] ♀ [illegible]
Aptera [illegible]
[illegible] elegans? [illegible]
Acalles 2 = [illegible]

275.

24th June 1938. Very warm & damp & everything drenched by a storm at 2 P.M. just before we got to Glenasmole. With Fergus O'Rourke, a very nice boy, who has got interested in ants.

Glenasmole, Co. Dub. 2.30 – 6.30 P.M.

Swept in 3 areas as follows: —

Kept 4 from 1, 20 from 2, & 3 from 3. these labelled 4/2/1940.

GLENASMOLE
DUB. A.W.S.
24 6 38

Some previously labelled also A.W.S.

1 = lower dam (E side) & under trees at Moore's house.
2 = at head of upper reservoir & under trees on W side near head of same; most swept round willows on the old Slade brook delta.
3 = under trees between upper dam & the "ford" over the river.

Showed F.O'R. Lasius flavus E end of lower dam & on "rabbit bank" below upper dam.

L. niger 2 ♀♀ kept on path along W side of upper reservoir.

Myrmica ruginodis several places at 2

M. scabrinodis nests on W shore of upper reservoir near boat house, & well below winter level (2 ♀♀ labelled A "small race") & on delta & head of same ("very large race" 3 ♀♀ labelled B), at 2; V.C.

[Formica fusca, which is abundant on the bank — 3rd rounds on E side lower reservoir, not seen]

[Leptothorax acervorum, formerly at SE corner part of garden in Brady's time, not seen here for some years since old post was removed & replaced by a new one]

276

24.6.38 contd. Glenasmole, Dub., contd.

Bombus agrorum ☿☿ only; B. lucorum ☿☿ & ♀♀.
B. hortorum 1 ☿ on Rhododendron.
B. jonellus 1 ☿ on delta at 2
B. derhamellus several ☿☿ at 2, on delta.
Vespa norvegica ☿ on [illegible] at 2.
V. vulgaris ☿☿ seen at 1

Dryinid ♀ on Salix at 2: pale sutures, [illegible] stigma, etc.

Tenthredo "arcuata" abundant.
Tenthredella livida at 2.
Rhogogaster viridis on Salix at 2.
Pachyprotasis rapae, [illegible] 1 ♀ at 2: not kept.
Pteronidea myosotidis? 1 ♂ on Salix at 2.
Cratichneumon fabricator? a black ♀ at 2, with large "brushes" on under side of hind coxae, stretching from apex to centre; middle areas, mesonotum & 2nd abd. seg. with wide spaced punctures, pinned. A.W.S. 4/2/40.
Stenichneumon culpator 1 ♀ at 2.
Cryptid: Phygadeuon?? 1 small black ♀ at 2

=

277.

24.6.38 cont. Glenasmole, Dn, cont.

Tryphon signalis 10th at 2

[illegible] mac, at 1.

[illegible] also & very

[illegible] same sand

[illegible] d.

[illegible] sand, one

[illegible] with 22 seg. ant.

278.

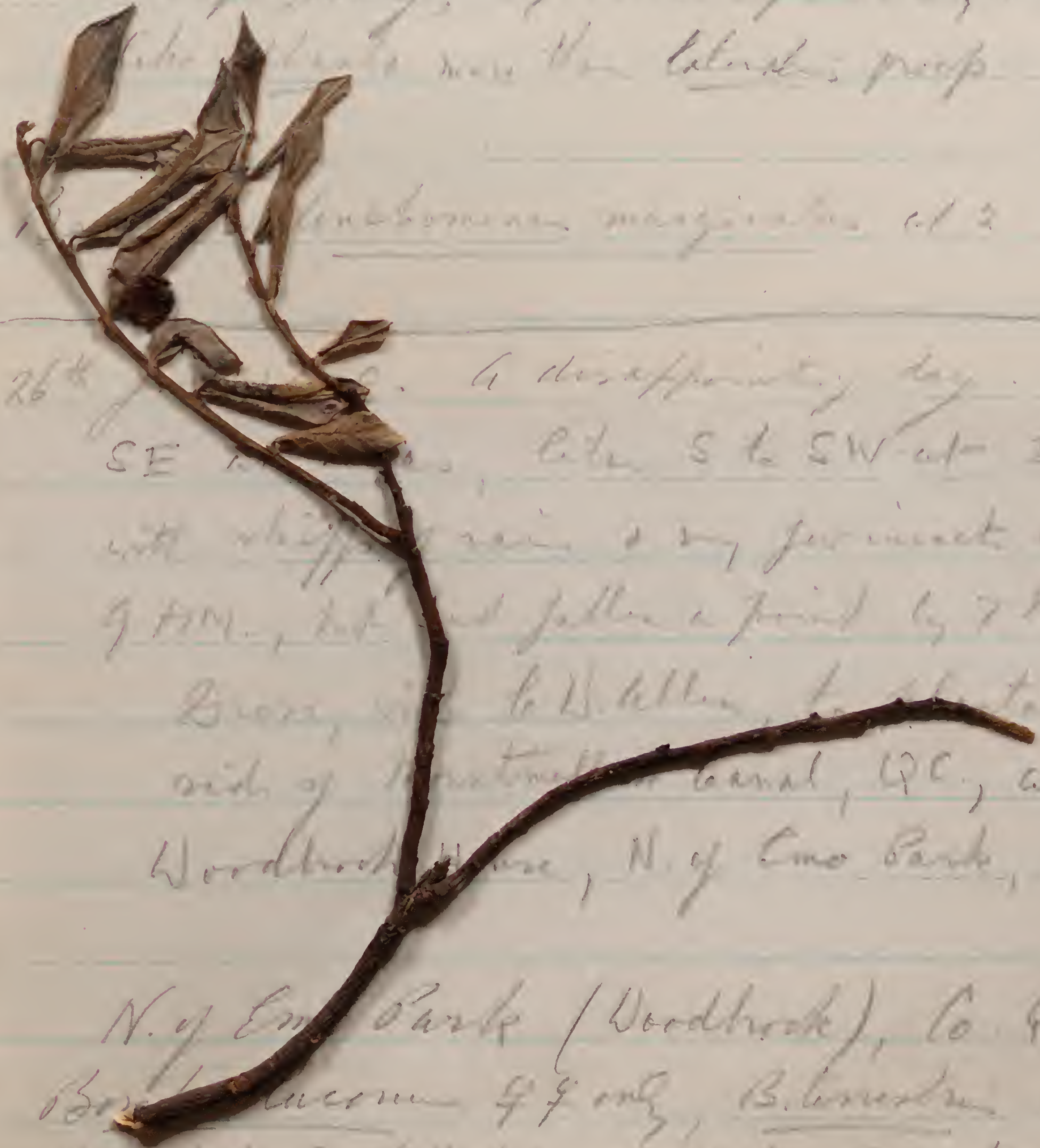
24.6.38 cont. Glenasmole, Dn, cont.

[illegible] meso-[illegible] ! ♂, same as that from [illegible] 9.6.38

D. sp.? ♀, 27 seg. ant. [illegible]

D. [illegible] 1 ♀, 20 seg. ant.

D. sp.? ♂, which suggests [illegible], with 22 seg. ant. & rough [illegible], very slender petiole, which is [illegible] more than [illegible] prop.



[illegible] marginatus at 2

26th June 38. A disappointing day. W. wind in Dublin, SE [illegible], later S to SW at Emo; dull all day with [illegible] rain & very few insects out. Glass rising at 9 AM, but had fallen a point by 7 PM.

Drove, with C.B. Allen, to [illegible] & [illegible] on E side of [illegible] canal, Q.C., at back entrance to Woodbrook House, N. of Emo Park, as often before, 12.30 till 5.30 PM

WOODBROOK
QC. A.W.S.
26 6 38

N. of Emo Park (Woodbrook), Co. QC.

Bombus lucorum ♀♀ only, B. terrestris 1 ♀ (Allen) in sandpit.

B. lapidarius (Allen) in sandpit. B. hortorum 1 ♀ in [illegible].

B. agrorum ♀♀ only. Psithyrus barbutellus 1 large ♀. for Ingrid P.T.O.

Passaloecus monilicornis resting in burnt post at 1? [illegible] taken! →

View from near Peaton looking W.
across Loch Long, Dumbartonshire.

Photo. George M. Stelfox
14 July 1938.

← Road over hill to Gareloch along which I
collected on this afternoon. A.W.S.

277.

24.6.38 cont. Glenasmole, Du., cont.

Tryphon signalis 1♂ at 2

Cteniscus 1♂ at 1.

Bassus deletus 1♂ at 2.
[illegible]
H. tricolor? 1♂, with no red on pleurae, at 1.

Gunomeria macrodactyla 1 at 2.

Bracon [illegible] 1♀ at 1, with rather long terebra & very dark legs, &c.
Agathis brevisetis? (A.W.S. 4/2/1940!) 1♂ & 1♀ at 2, mtd on same card.
Clinocentrus vestigator 1♂ with 26-seg. ant.
Euphorus pallipes? 2 ♂♂ at 2, mtd. on same card, one with much thicker antennae than the other, both with 23 seg. ant.
E. pumilus? 1♀ at 3, very large head.

24.6.38 cont. Glenasmole, Du., cont.
Dacnusa nigro-femorata [illegible] 1♂, same as that from Blessington 9.6.38.
D. sp.? ♀, 27 seg. ant. [illegible]

Z. testaceus 1♀, 22-seg. ant.
Z. sp.? 1♂, which suggests merula, with 27-seg. ant. & rough [illegible], very slender petiole, which is somewhat hairy like [illegible] more than [illegible] group.

Beetle – Anchomenus marginatus at 2

26th June 1938. A disappointing day. W wind in Dublin, SE at noon, later S to SW at Emo; dull all day with whiffs of rain & very few insects out. Glass rising at 9 AM, but had fallen a point by 7 PM.
Drove, with E. H. Allen, to plantation & woods on E side of Mountmellick Canal, QC, at back entrance to Woodbrook House, N. of Emo Park, as often before, 12.30 till 5.30 PM.

WOODBROOK
CO. A.W.S.
26 6 38

N. of Emo Park (Woodbrook), Co. QC.
Bombus lucorum ♀♀ only, B. terrestris 1♀ (Allen) in sandpit.
B. lapidarius (Allen) in sandpit. B. hortorum 1♀ on lousewort.
B. agrorum ♀♀ only. Psithyrus barbutellus 1 large ♀. for Dryinids R.L.O.
Passaloecus monilicornis nesting in bored post at 1: one taken!

26. 6. 38 cont. N of Emo Park, Q.C. cont.

1 = in scrub 12.30 till 1.30 P.M. (opposite blackthorn patch).

2 = along canal N of bridge, E bank, & in scrub. 1.30 – 5.30 P.M.

Loderus vestigialis 1♀ at 2. [12 from 1 & 4 from 2 [illegible] & these labelled 7/2/1940! A.W.S.]

Dolerus palustris.

Those from 1 labelled (1) → WOODSTOCK Co. (1) A.W.S. 26 6 38

Those from 2 labelled → WOODSTOCK Co. A.W.S. 26 6 38 (without number of station!)

D. haematodes 3♀♀ near canal.

Tenthredella atra 1♂.

Tenthredopsis nassata ♂♂ & ♀♀, [illegible]

Athalia lineolata 1♂.

Tom. luteiventris.

Pachyprotasis rapae 1♀.

Croesus septentrionalis. Some larvae taken on Hazel on canal bank at 2 & from these 2 very small ♀♀ bred on 14. 8. 1938 of this species. A.H.S. 1940.

Anteon 1 at 1. A. 1 at 2.

Aphelopus ? 1♂ at 2.

Cratichneumon rufifrons? 1♀, var with pale anus? (not [illegible]) at 2.

Tricholabus strigatorius? 1♂ at 2.

Exephanes ? 1♂ at 2.

Pezomachus geochares?? 1♀ at 1. P. small black ♂ at 2.

P. red & black ♀ at 1. Exolytus 1 at 1.

Acrodactyla degener 2♀♀ at 2, one very small.

Catoglyptus crassipes 1♂ at 2. [illegible] tricipetiolatum 1♀ at 2.

Polyblastus varitarsus 1♂ at 2.

[illegible] minutus? 1♀ at 2.

Campoplegid: 1♀ at 2 =

26. 6. 38 cont. N. of Emo Park, Q.C. cont.

Bracon nigratus 1♀ at 1, 1♂ at 2. B. epitriptus ? 1♀ at 2.

Exothecus 1♂ [illegible], 21 seg. ant, stigma interrupted near base.

Rhogas dissector?? 1♂ with 60 seg ant., fuscous stigma, abd. seg 1 & 2 red, legs mainly all red, also 1♀ with 62 seg. ant., orange stigma, red pronotum (sides) otherwise same as ♂, at 2.

Chelonus (antennae broken [illegible]) 1 at 2. Ascogaster rufipes 1 at 1.

Acoelius subfasciatus 1 at 2. Microgaster globata ? 1♀ at 1.

Agathis rufipes? a mating pair (♂ & ♀) swept together beside canal at 2

Euphorus [illegible] (not 2 at 2. E. pallidostigma 1 at 2.

Perilitus sp. 1♂, 1♀, both with 21 seg. ant., at 1.

Meteorus micropterus ? 1 large, dark, ♂, at 1.

Gnamptodon pumilio 1♀ at 2.

Opius nr. lugens 1♂, 1♀ at 2, with 30 & 18 seg ant. resp.

Aspilota sp.? 1♀ at 2, very small, with 17-seg. rather slender ant. Looks intermediate between [illegible] & [illegible]; may be new!

Dacnusa discolor 1 large ♀ at 2.

D. areolaris ? 1♀ at 1, with 30-seg ant., pale stigma & rather heavy & rather granular mesonotum.

Proctos. see next page →

26.6.38 cont. Woodbrook, near Emo Park, Q.C. cont.
Proctos. 1 sp. (Diapriid with long very [illegible] antennae) & 1 sp ?

Chalcids: 3 sp?

Beetle. Ptilinus pectinicornis
Bug. 1 =

29th June 1938. A showery day with strong W–NW winds: everything very wet after the heavy showers when we arrived at Glenasmole, but no more rain till we left. All collected except where possible under trees between Moorend & upper dam; mostly under trees near the house.

GLENASMOLE
DU. A.W.S.
29 6 38

Glenasmole, Co. Dub., 2.30–5.30 p.m.,
[21 kept only & then labelled 10/2/40. A.W.S.]

Vespa norvegica 1 ♂.
Adelognathus brevicornis? 1 ♂

Phaedroctonus transfuga? 1 ♀

29.6.38 cont. – Glenasmole, Dub. cont.

Clinocentrus vestigator 1 ♀ typical!
C. vestigator var? entirely fuscous, stigma, narrower, larger, & whitish cell
Microgaster [illegible] marginata 1 ♂: seems certainly the species as understood by Marshall. A.W.S. 11/2/1940!
Euphorus pallipes? 1 ♂?
Meteorus fragilis 1 ♂
Opius spretus? 1 ♂, 31 seg. ant., yellow legs, ♀!
Adelura florimela
A. apii
Aspilota
Dacnusa [illegible] 1 ♂, 37 seg. ant
D. sp. nr. [illegible] 1 ♀, 28 seg. ant., not 2-col'd seg. ?
D. melanocera 1 ♀, 24 seg. ant
D. abdita? 1 ♂, 33 seg. ant.
D. evadne 1 ♂, 29 seg. ant. & 1 ♀ with 31 seg. ant.
D. sp.? like a small abdita, but ant. only 27 seg., pleurae with faint trace of a crenate sternaulus, post-scutellum with a distinct spine as in Oenone. A.W.S. 11/2/1940'
'NB. Thomson describes a sp. with a spine!

Ephedrus lacertosus 1 ♀.
Trioxys betulae? 1 ♀, possibly a pale variety of the ?

3rd July 1938. A fine day with much sun in afternoon, after a dull morning, & a heavy shower. Drove to Ferns Lock, then to Agher & on to Trim, all Co. Meath. Swept roadside (with ditch) 1 mile N.W. of Ferns Lock; plantation S.E. of Agher demesne & roadsides; & R. Boyne (left bank) at Newtown & (right bank) at railway viaduct 1 & 3 miles, respectively, below Trim.

Roadside 1 mile N.W. of Ferns Lock, on road to Agher, Co. ME. 12-30 till 1.0 P.M.
[26 kept & these labelled 12/2/40. A.W.S.]

FERNS LOCK
3 7 38

Ant[illegible] 1♂, very small.
Atractotomus [illegible]
Pezomachus 1♀, wingless, black.
P. [illegible] 1♂, very small, black
Stenomalus (? muscarum) 1♂.
Trachys separandus 1♀?
Myiarthrum rufipleuris? 1♂.

3.7.38 cont. N.W. of Ferns Lock, ME., cont.

Bracon [illegible] 1♂.
B. [illegible] 1♀ [illegible]
Rhyssalus [illegible] ♂
Apanteles [illegible] 1♀.
Blacus [illegible] 1♂, 1♀.
[illegible] speculator 2♀♀.
Opius [illegible] 1♀, small, [illegible]
Phaenocarpa [illegible] 1♂
Aspilota [illegible] 1♂
[illegible] 1♀, [illegible]
Dacnusa [illegible] 1♀, very small, [illegible]
Praon [illegible] 1♀
Aphidius [illegible] 1♀

Rects. 4 =

3 7 38 cont.

Plantation & roadside S.E. of Agher, on E. side of road from Coole to Ardmore House on ½" map, Co. M.E. 2.0 – 3.0 P.M.

[39 Hyff. & then labelled 14/2/40 [illegible] A.W.S.]

Anteon 1♂. A. 1♀

Hemiteles [illegible] 1♀. [illegible] 1

Lissonota: a small pale-winged ♂: ? = [illegible]

[illegible] 1♀. Euphorus pallidistigma 11♂♂, 1♀.

Euphorus orchidae 1. E. parvulus? 1♀ (?)

Meteorus sp. ? nr. [illegible] 1♀, very small, [illegible] propodeum

Bracon [illegible], 1♂, 2♀♀: very fine specimens, especially the ♂.

Opius caesus 1♀.

Adelura apii 1♀. Aspilota praecipua 1 fine ♀. ~~20 seg. ant.~~

Aspilota ? = acicula same sp. as ♀ 1♂ 2 dark patches, 19 seg. ant. ? A. 1♀ = acicula ~~brevicauda~~ 1♀ red petiole 20 seg. ant.

A. rufata 1♂. Orthostigma curvicaudata 1♂

Dacnusa cyclops 1. D. sp. nr. lateralis 1♀, 19 seg. ant.

D. confinis Ruthe 1♀, small, 22 seg. ant.

D. affinis var.? 3♀♀, with 24 & 23 seg. ant., & being 3rd tergite granularly sculptured, antennae more slender & thicker = type of v. granulata mihi. A.W.S. 14-2-1940.

Aphidius urticae? 1♀

3.7.38 cont. Near Agher, Co. M.E. cont.

Procto. (& small) [illegible]. =

---

3 7 38 cont.

R. Boyne (left bank) above Newtown Bridge, & (right bank) at railway viaduct, respectively, 1 & 3 miles below Trim, Co. ME. 3.30 to 5.0 P.M.

Insects not separated from these two stations, but very little was at the first, & most taken at the second.

only 9 or 10 ~~[illegible]~~ Hyff. as follows: — & those labelled

Trim district
C. ME. AWS
3.7.38.

[A.W.S. 15/2/1940]

Snail: — Vertigo moulinsiana (many) on the along (reeds &c) margin of river just below railway viaduct. Rather smaller than those from the R. Shannon. A.W.S.

Anteon 1♀

Polyblastus or Exenterus sp. 1♀ =

Mesoleius (s.l.) 1♀ =

Bracon fulvipes? 1♂, very dark var.?

Alysia tipulae 1♂.

Euphorus orchidae 1

Trioxys [illegible] 1♀

[illegible] p.t.o. →

= Trim district!

3.7.38 cont. R. Boyne, below Trim, ME, cont—

[illegible] of ? 1♂, 3 seg. ant., dark red legs, stout short stigma, no [illegible]
:—

Roots. 2 :=

5th July 1938. G♀ of [illegible] [illegible], [illegible] [illegible], seen in front garden at [illegible] on return to the [illegible] Rd, Dublin, at 5.30 PM. Very [illegible] day!

SCOTTISH TRIP 7th–15th JULY.

Left Dublin 6.30 p.m. on 7th July 1938 in [illegible] rain, which had lasted all day in Dublin, & strong wind from NE–E. Arrived Greenock at 9 a.m. on 8th July & went by the 'Lucy Ashton' to Garelochhead, Dumbartonshire, where arrived at 12.15 & stayed at [illegible] Hotel. In afternoon walked N. to Whistlefield to point where road turns down on junction of Loch Goil & Long. Collected a little on way up & down, but rain vegetation too dripping until after the night rain & [illegible] [illegible]. Very few insects seen, except small Dips. Later went by bus to Helensburgh where met George who had come up from London by 'Royal Scot'. Heavy rain again came on in the evening.

Garelochhead to Whistlefield & back
Dumbartonshire, 8/7/38. 2.30 – 4.30 PM.
= DN.

[illegible] podagrariae. ? var. with red or almost all red legs: 2

[illegible] of filicornis Thom? 1♂

Opius pygmaeator ? 2♀♀.

[illegible] cf. sp 4 like ? ? ant all black! 1♂

G. brunnicornis Nees 1♀ AWS. 25/1/39
cf. ♀ Types from [illegible], SL, [illegible] 10.7.38.
?

Aphidius ulmi ? 1 small ♀.

Myrmica ruginodis ♂♀ (one kept)

(9 labelled 22/1/39)

Labelled
Wd. Garelochd
DN. AWS
AM 9.7.38

9th July 1938. Rather a cold day, but no more than [illegible] [illegible], [illegible] intervals; [illegible] [illegible] [illegible] [illegible] [illegible] (NW–N). [illegible] [illegible] in oak wood behind & to south of Woodlea Hotel & mostly [illegible] [illegible]. In afternoon walked north to [illegible] [illegible] & then [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] & [illegible] – the [illegible] to head of Gareloch & along [illegible] [illegible] for [illegible] [illegible] & home [illegible]. Sap. [illegible] [illegible] in [illegible] [illegible] NW. Garelochhead.

10.30 – 1.0 PM Oakwood SE of Garelochhead

Dunbartonshire. DN. Mostly swept in [illegible] below [illegible], [illegible]) & few [illegible] [illegible] in [illegible] wood

[illegible] [illegible] [illegible] [illegible] 1♂. [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] 1♂ [illegible] 2

[illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] 2♀ [illegible] [illegible] 1♂ 2

[illegible] [illegible] 2♀ [illegible] [illegible] 1♀

[illegible] [illegible] 2

[illegible] [illegible] 1♀ [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] 1

[illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]

9.7.38 cont. Garelochhead, DN., cont.

[illegible] [illegible] 5

[illegible] 2♂♂

[illegible] [illegible] 1♂, 1♀. 2 1♀.

[illegible] 1♂. 6 1♂.

[illegible] 1♀.

[illegible] 5.

[illegible] 1♂.

[illegible] [illegible] 1♂, 1♀. [illegible] [illegible] 1♀.

[illegible] [illegible] ? 1 [illegible] [illegible] 1♀

[illegible] ?

[illegible] ?

[illegible] [illegible] 1♂, ([illegible]?) 1♀.

[illegible] [illegible] [illegible] 12 taken.

[illegible] [illegible] 1♂. [illegible] [illegible] [illegible] 1♀ [illegible] [illegible] [illegible] [illegible] [illegible] 26.11.38

[illegible] [illegible] 2♂♂, 1♀. = ? [illegible] [illegible] [illegible] AWS 28.11.38.

Zaon 3

[illegible] 8

[illegible] 6

[illegible], [illegible] + [illegible] = [illegible] =

290

9.7.38 aft. 2.30 – 5.0 P.M.

— Labelled Gareloch DN AWS 9.7.38 P.M.

Went along Gareloch from head to 2 miles S. of [illegible] & [illegible], along road or close to it.

[illegible] [illegible] [illegible] on open [illegible] [illegible] [illegible]

[illegible] Chilopoda: 2 ♀♀ [illegible] [illegible] v. [illegible]

[illegible] [illegible] 1♀ [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]

Homoneura [illegible] 1♀

22 labelled 31/1/39 A.W.S.

H. n. sp. Gareloch! = H. impolita Stelfox 1940. Type! 1♂, with [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] 2 [illegible] ♀ [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] ♀

[illegible] [illegible]

[illegible] [illegible]

[illegible] [illegible] ♀♀ (2 [illegible]) [illegible]

[illegible] [illegible] [illegible] 1/9/39.

6 (Syrphidae) ♂ 10♂

[illegible] [illegible] 1♀ [illegible] [illegible]

[illegible] 3 =

291

10th July 1938 (Sunday) Wet all night & morning, turning to intermittent drizzle which gradually cleared off about mid day, though [illegible] [illegible] in the wind all afternoon & everything dripping. Collecting impossible in morning & very difficult in afternoon. In morning spent 1½ hours in wood, before dinner, as on previous morning & took 3 [illegible] with [illegible]. In afternoon walked to [illegible] Bay & up road leading to Glenfruin a little above the railway: mostly along roadside till above the railway, but [illegible] [illegible] [illegible] wet.

Wood S. of Garelochhead, DN. 12 – 1.30 P.M.

3 labelled 10th Garelochhead DN. AWS 10.7.38.

[illegible] 1♀, on [illegible] at railway bridge.

[illegible], yellow [illegible], no [illegible], large, with [illegible] 1♀

[illegible] sp.? 1♀ on fern in wood.

Also [illegible]
[illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]

— labelled (847)
F. Garelock
DN AWS
10.7.38.

10.7.38. afternoon. 2.30 to 4.50 P.M.
Sides of road & marsh [illegible], below a stone railing
at Faslane, S. of Garelochhead, on road to
Glenfruin, DN. AWS 10.7.38
Bombus lucorum 1 very large ♀ seen.
Psithyrus sp.? 1♂ seen.
Vespa sylvestris 1♀ & 1 ♀ seen at [illegible]
Antenna 3 sp. [illegible]
[illegible] yellow collar ♀ on sand [illegible]
[illegible] [illegible] on stone railing [illegible]
[illegible] =

[illegible] 1♀
[illegible] ? [illegible]

[illegible] 1♀

[illegible] 1♀.
[illegible] ? 2 [illegible]
[illegible] [illegible] 1♂
[illegible] 1♂
[illegible] ? of [illegible] 1♀
[illegible] 1♂

10.7.38, aft.-noon. Faslane, DN., cont.
[illegible]
[illegible] 1♂

[illegible] 1♂, [illegible]
[illegible] [illegible] ♀
[illegible] 1♂ [illegible]
[illegible] ? 1♀.
[illegible] ? 1♂
[illegible] 1♂
[illegible]
[illegible] ? 1♀
[illegible] 7♂♂, 1♀ of [illegible] =

[illegible] [illegible] seen below railing & [illegible]
[illegible] 3♂♂
[illegible] 1♂ ♀.
[[illegible] 1/3/39]

[illegible] ♀.
[illegible] 1♀

10.7.38, aft. cont. Faslane, DN., cont.
Empidid 4 =
Chalcid 2 =
Psocids 15 =

11th July 1938. After a wet night a drizzly [illegible] till lunch, then suddenly fine. The wind went from SW to NW & a glorious afternoon with sun, though breezy with strong [illegible] wind. In morning spent two wet hours in wood S.E. of Garelochhead, as before, & finished off a few odd insects, mainly with umbrella as too wet to sweep. In afternoon walked N along edge of golf links & railway to the big glen (at least 100 ft deep) crossed by railway viaduct on way to Whistlefield. Some Acalyptrates taken about station on way out, but most others taken in glen just N of station or in the big glen.
One clegg seen in big glen: the first seen in Scotland this trip though seen, about a fortnight earlier, in Lake District.

11.7.38 cont.
Wood SE of Garelochhead, DN., 10-30 – 12-30 "AM".
Bombus hortorum 1 ♀ seen also railway
B. lucorum & agrorum — also seen.

12 labelled 8/2/39
Wd. Gareloch
DN AWS.
AM 11.7.1938.

[illegible] 1♂

[illegible] 2♀
[illegible] [illegible]
[illegible] [illegible]
[illegible] 1♀
[illegible] [illegible] 1♂
[illegible] 1♂
C 1♂.
C. ([illegible]) [illegible] 1♂
Dasineura [illegible] on [illegible] gall
[illegible] railway at bridge.
[illegible] 1 = [illegible] 1♀, of [illegible]

Chalcid 1.

296.

90 [illegible] Garelochhead DN. AWS 11.7.38.

11.7.38 afternoon 2-30 – 6.0 p.m. [illegible]

Railway & glen N. of Garelochhead station,
DN.

Bombus agrorum [illegible], 1 ♀ taken at station.

B. lucorum 1 ♀ seen

Andrena [illegible] [illegible] [illegible] at stat.

[illegible] parietinus 1 ♀ on [illegible] [illegible] stat.

[illegible] [illegible] 1 ♀ [illegible] [illegible] [illegible]

[illegible] mystaceum 1 ♀ at station

[illegible] [illegible]. 1 ♂ at station

[illegible] [illegible] [illegible] in glen just N. of station, 2♂♂, 1 ♀,

& another ♀ on [illegible] in large glen.

[illegible] common 1 ♀ taken [illegible]

Sawflies (1st seen).

[illegible] of [illegible] [illegible] [illegible] [illegible] [illegible].

Tenthredella balteata, 2 ♀♀ on [illegible] [illegible] in big glen

[illegible] & [illegible] [illegible]

[illegible] [illegible] [illegible] 2♀♀.

[illegible] 1 ♂ [illegible] 1 ♂

[illegible] [illegible] [illegible] [illegible] ♀

= A.

277.

11.7.38 aft. contd. Railway & glen N. of Garelochhead, DN contd.

[illegible] [illegible] ? 1 ♀.

[illegible] ? [illegible]

[illegible] [illegible] 1 ♀ [illegible] [illegible] 1 ♂, [illegible] [illegible]

[illegible] [illegible] 1 ♀.

[illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] 1 ♂ [illegible] [illegible] [illegible]

[illegible] 1 ♂

[illegible] [illegible] ? 1 ♂ 1 ♀.

[illegible] 1 ♂.

[illegible] =

[illegible] [illegible] ? 1 ♀ [illegible] [illegible] 2

[illegible] [illegible] ? 2 ♂ [illegible] ♀ =

[illegible] [illegible]

[illegible] 1, [illegible] 1 ♀ [illegible] [illegible] 1 ♂

[illegible] [illegible] [illegible] [illegible]

[illegible] 2 ♀♀. [illegible] 2

[illegible] ? =

[illegible] 9. =

12th July 1938 A fine day, no rain, much sun in morning, overcast later & little rain in afternoon. Wind fresh & northerly. Midges & flies very bad in the woods.

In morning worked wood S.E. Garelochhead, in [illegible]. In afternoon worked shore along head & east side of Gareloch & wood one mile along west side of Loch.

12.7.38 cont.

Wood S.E. Garelochhead, DN 10.30 – 1.0 AM.

1 = below railway. 2 = above railway.

[[illegible] 1♂ between road & sea ¼ mile S of pier during [illegible] on return for dinner about 1 P.M.]

Taken at 1.

Spilomena troglodytes 1♀
Myrmica ruginodis 1 queen (♀).
[illegible] [illegible] Dendrocerus [illegible] 1♀
[illegible] 1♀ [illegible] [illegible] 1♀
[illegible] 4 small ♀♀ [illegible] 1♀
[illegible] 1♂ 2♀♀
[illegible] 1♂ [illegible] 1♀
Promethes sulcator 1♀.
Mesochorus 1♂

53 from 1
35 from 2
labelled 14–15.2.1939.
(1) Gareloch DN AWS AM 12.7.38
& (2) Gareloch DN AWS AM 12.7.38
respectively.

12.7.38 AM cont. Taken No 1 cont. & Taken No 2

[illegible] 2♂♂ 2
[illegible] 1♂
[illegible] 2♂♂
[illegible] [illegible] [illegible] 1♂
[illegible] 2 [illegible] 1♂
[illegible] 5♂♂ 2

B. (Spalding) 3♂♂ 2

[illegible] 1♀ [illegible] 1♀
[illegible] 1♂ [illegible] 1♀ [illegible] 1♂
[illegible]
[illegible] 1♀
[illegible] 1♀ [illegible] 1♀
[illegible] 1♀

Chelifer 1.

Taken at 2

Spilomena troglodytes 2♀♀ [illegible] off Ranunculus repens petal (in flower). & sent to R. Scottish Museum as the sp. does not appear to have been taken previously in Scotland

12. 7. 38 "AM" cont. Head, Gairloch, shore of loch 2, cont.

Epitomus pygmaeus ♀. Cratichneumon ? [illegible] ♀. C. annulator ? 1 ♀.

Hemiteles sp. 1 ♀. [illegible] black ♀.

Bassus sp. 1♂, 25 seg. ant. [illegible] ? 1♀, 25 seg. ant.

[illegible] 1♂. [illegible] pallipes 1♂

[illegible] [illegible] 1♂, 30 seg. ant. [illegible].

[illegible] 1♀. [illegible] ? ♀, 26 seg. ant.

[illegible] (cont.) of [illegible] 1♀, 12 seg. ant. [illegible] ? 1♀, 15 seg. ant.

[illegible] 1 [illegible] ♀, 12 seg. ant. G. fulvipes ? 1♀, ant. broken.

G. [illegible] ? 1 [illegible] ♀, [illegible] 13 seg. in ant.

Diadromus [illegible] 1♀, with legs, 23 seg. ant. D. [illegible] 1♂, 21 seg. ant.

D. sp. ? 1♂ ant. 22, [illegible]. D. [illegible] 1♀, 22 seg. ant.

[illegible] 1♀. Ephedrus plagiator 3♂♂.

Ephedrus lacertosus 1♀, with [illegible]

Praon sp. 1♂ Aphidius sp. 1♀, [illegible] ant. 17.

Protos 5.

12. 7. 38, Afternoon

Head & west side of Gairloch for one mile. 15 [illegible] 7/39

[illegible] Gairloch
DN [illegible]
TMH 12. 7. 38

1 = shore at head (W. side).

2 = wood & moor at top of wood. — 56 [illegible] 18/2/39.

W. Gairloch
DN [illegible]
TMH 12. 7. 38

[illegible] [illegible] 1 [illegible] ♀ on Valerian along roadside at 1.

[illegible] [illegible] at 1. G. [illegible] ♀ at 2

[illegible]

[illegible] ♀ ([illegible] by me [illegible]) [illegible] at 1.

Ichneumon ♀ at 2

Hemiteles ? [illegible] ♀, 1♀ ? [illegible] } [illegible]

H. [illegible] [illegible] 1 at 1 } =

[illegible] ? 1 [illegible] at 1. G. [illegible] at 2.

[illegible] [illegible] 1 [illegible] 2 at 2

[illegible] 2 ♀♀ (2 [illegible]) at 2 =

Glypta [illegible] 1 [illegible] & 1 [illegible] ♀ at 2

[illegible] [illegible] ♀ at 2.

[illegible] ♂ 1 (♂?) at 2.

Stenomacrus 1♂ at 2

S. 1♀ at 2.

Homocidus [illegible] 1♂ at 1.

302

12.7.38 aft. (P.M.) cont.

[illegible] 1 at 2 =

[illegible] ♂ at 2.

[illegible] ? ♀ at 2

[illegible] 1 ♂ at 2

[illegible] 1 ♂ at 2.

[illegible] 1 ♂ at 2.

[illegible] ? 1 ♂ 2 ♀♀ at 2.

[illegible] 1 at 2

[illegible] 6 at 2 =

[illegible] ? 1 at 2

[illegible] ♀ at 1

[illegible] 2 ♀♀ at 2

[illegible]

[illegible] 4 ♀♀, & 1 ♂ [illegible] at 2

[illegible]) [illegible] ? 1 ♂ at 2

303

[illegible] 1 ♂ at 1 [illegible] 1 ♂ at 1

D. [illegible] 2 ♂♂ at 2.

D. [illegible] very large ♂ at 2, with 3 [illegible] antennae,

D. melanocera ? 2 ♀♀ at 2

D. affinis 1 at 2

Proctos. 3 at 1 =

Also 10 at 2 =

Cynipid: 1 at 2.

13th July 1938. Drizzle started at 8 A.M. from S.W. & continued till past midnight, getting heavier & heavier in afternoon & evening. No collecting possible.

14th July 1938. A fine day, with showers in late after-noon, but vegetation still very wet in morning after previous days rain. Spent morning at Faslane, along road to Glenfruin, & the afternoon walking from Beaton on Loch Long back to Garelochhead. Collected in several places along roadside going up the hill

14.7.38 cont.

behind Peaton & also in glen coming down to Gareloch at Whistlefield, but these insects not separated. Heavy showers prevented further collecting.

[illegible] F. Gareloch DN. AWS AM 14.7.38

AM. 10.30 till 12.30 ← 86

Scrub &c behind Z road, above railway behind Faslane, on way to Glenfruin, DN.

[illegible] ♂

also 1 small black [illegible] imitating [illegible] ants =

Hemiteles sp.? 1♂ (small). H. ?? of ? 'Black Stenomacrus'

[illegible] 1♂, [illegible]

[illegible] 1♂ [illegible]

Gr. [illegible], 1♂, 3♀♀ =

[illegible] 1♀ [illegible] 1♀

[illegible] 1♀

Stenomacrus [illegible] 4♂♂, [illegible]

14.7.38 AM cont. Faslane, DN., cont.

Homocidus [illegible] 1♂

Bassus tricinctus 1♂.

[illegible] ♂ =

[illegible] 1♂

[illegible] ? 1♀

[illegible] 1♂

[illegible] ? 1♀

[illegible] 1

Blacus tuberculatus 1♀

B. [illegible] ? 2♂♂, 1♀, dark var.

B. [illegible] ? 1♀

Opius [illegible] 1♀

O. [illegible] ? 1♀ (?)

[illegible] "placidus Hal." [illegible] 1♀, smaller than [illegible], 36 seg antennae, [illegible], ♂, mouth ? not quite closed.

Pentapleura angustula 1♀

[illegible] 1♀

A ♀ [illegible] 1♂, not agreeing absolutely with [illegible] in 3 seg [illegible], & [illegible] longer than 3rd, [illegible] 2nd cubital cell [illegible] distinctly longer.

306.

14.7.38 AM cont. Fairlane, DN. cont.

✓ AMS 4.5.1962.

Cheilosia 6♂♂, 7♀♀ = Cheilosia [illegible] 1♀, not 1♀ [illegible].

C. (Syrphidae) 1♀.

Dolichopus [illegible] 1♂. D. [illegible] 1♀.

D. [illegible] 1♀, very typical, [illegible] ♂.

D. [illegible] 2 very fine ♂♂. D. [illegible] 1♀, [illegible]

D. [illegible] ♀. D. sp: [illegible], [illegible]

[illegible] ✓ 1♀

[illegible] 1♂, ♀, small

[illegible] ♀ ♀

[illegible] = [illegible] (fide [illegible], Oct 1938)

[illegible] =

[illegible] 2 =

[illegible] 2.

307.

14.7.38 afternoon. 3.30 - 5.0 PM.

Roadside above (E of) [illegible] & glen above (W of) [illegible], DN.

[illegible] : 1♀.

♀♀ labelled [illegible] AMS DN 14.7.38

[illegible] 1♂

[illegible] 1♀.

[illegible] =

[illegible] 5♂♂, 2♀♀ =

[illegible] 1♀ [illegible] 1♀

[illegible], with very wide [illegible] 1♀

[illegible] 1♂

Platycheirus scutellatus 1♂.

[illegible] 1♀

[illegible] 1♂

[illegible] 2♂♂

[illegible] 1♂

[illegible]

[illegible] 1♂

[illegible] 1♂

[illegible] 1♂, [illegible], [illegible], [illegible].

14.7.38 aft. cont. Peaton, DN. cont.,

Bracon pallipes? 1♀. [illegible]

Ex. these [illegible] 4♂♂, 9♀♀ of various sizes, with antennal segments ranging from 35-37 in ♂♂, 32-40 in ♀♀

Apanteles [illegible] ? 1♂. A. sp. black, [illegible] ? 1♀

Microdus rufipes ? 1♀

Euphorus pallipes 5♀♀

Meteorus [illegible] 1♂

Gnamptodon pumilio 1♀

Opius [illegible] 1♂ O. pygmaeus ? [illegible]

Phaenocarpa [illegible] 1♂ P. picinervis 1♂

Alysia dictynna v. [illegible] 1♀, similar to ♂ recorded on p. 305.

[illegible] 1♂, red petiole, [illegible] seg. ant.

[illegible] 2♀♀ (? same) [illegible] 3 [illegible] Ref. 24/3/39 by [illegible]

Dacnusa [illegible] ♂, 433 [illegible]

D. sp. [illegible] 1♂, 1♀ [illegible]

D. sp. [illegible] 1♂, [illegible] seg. ant. 2/4/39

D. [illegible] 1♂ D. [illegible] 2♂♂ D. [illegible] 1♂, 1♀.

D. [illegible] ? 1♂, [illegible] not typical

D. [illegible] 3♂♂ D. [illegible] 2♂♂, 1♀

[illegible] H.W.S. 7.1.46

14.7.38 aft. cont. Peaton, DN., cont.

Ephedrus plagiator 1♀. Monoctonus [illegible] 1♂.

Aphidius sp.? bright orange [illegible], [illegible] seg. ant. 1♀.

A. sp.? [illegible], black [illegible], 2 small ♀♀, 15 & 13 seg. ant

A. sp.? [illegible] small, black, 12 seg. ant. 1♀

A.? sp.? Very small ♂, no [illegible], [illegible] [illegible] [illegible], 17 seg. ant.

[illegible] ? 2♂♂ ([illegible] long & ? [illegible]), 2♀♀ much smaller

Proctos. 11 : =

Chalcid. 1

15th July 1938. Left Garelochhead by 11.20 bus to Helensburgh then by train to Glasgow & Glasgow to Liverpool (as no berth available on direct boat from Glasgow to Dublin). Left Liverpool by B+I at 11.15 p.m.

While waiting for bus at Garelochhead saw ♀ Bombus pratorum on Snowberry flower.

END OF SCOTTISH TRIP!

17th July 1938. A poor day, with rain blowing in the wind (SW.) all day & sometimes amounting to a drizzle, which at times [illegible] penetrated the mist. Not much out except common species.

Drove to Russellstown House (S. of Blessington) & stopped for lunch on road leading to Baltyboys Bridge & collecting in shelter belt for half an hour, then across R. Liffey to Rathbally House, where [illegible] the insects only & flies were very bad in bars, then over Humphreystown bridge & up King's River valley to Lockstown Bridge & up old road S of river for about a mile, there collecting for ½ hour around deserted [illegible] of river. Then home via Hollywood & Poulaphouca.

1.15 to 1.45 P.M. 32 specimens labelled (Co. Wi. 17.7.38 [illegible]) left & these [illegible]

Plantation belt, along S side of Russellstown House, 3½ miles SSW of Blessington, Co. Wi.

Anteon 1♀.

Hemiteles 2, [illegible] ♀♀ Stenomacrus ? [illegible] 1♀

Ctenisca Cedalognathus pellipes 1♀

Thersilochus? 1♀.

Microplitis vidua Ruthe ! 1♂.

Blacus tripudians 1♂, 1♀. B. [illegible] 1♂

17.7.38 contd. Russellstown House, Wi., contd.

[illegible] sylvia 1 large ♀. Orthostigma [illegible] &

Aspilota [illegible] 1 [illegible] ♀.

A. [illegible] 1♀, 25-seg. ant. A. [illegible] ? 1♂ [illegible] seg. ant.

A. [illegible] 1♀ & ? ♂. A. [illegible] ? 1♀, 15-seg. ant.

A. rufipes 1♂.

Dacnusa [illegible] ? 1 small ♂, very black species, only 15-seg. ant.

D. [illegible] 1♂.

Coelinius parvipennis ? 1♂, with long narrow head, short wings & only 26-seg antennae

Aphidius [illegible] 1♂, 1♀

E. [illegible] 1 [illegible] ♀.

Aphidius [illegible] ? 1♀.

Lygocerus 1 [illegible] =

Chalcids 2 =

Diptera =

Beetle =

17.7.38 contd. 2.0 PM Roadside near Rathbally House, leading to Humphreystown Bridge, Co. Wi.

Epuraea marginalis 1 in lee of hedge

[illegible] 17.7.38 [illegible]

[Third specimen missed with net, so unknown!]

17.7.38 afternoon. 2.15 – 4.15 P.M.
Willow-hazel scrub & scrap along S. side of Kings River, near an old deserted "cabin" [illegible]; also field on other side of road; about 1 mile above Lockstown Bridge, Co. Wi. [Only 15 left [illegible] 18/3/40 [illegible]]
Andrena cineraria at least 2 ♀♀ seen to enter their burrows after [illegible], on roadside, where [illegible] left.
A. subopaca 1♀
Athalia lugens 2 large ♀♀.
A. cordata? 1♀, very large
Anteon 1♂

Cinnodota erythrogaster ? 1♀
Pimpla elegans 1♀
Polysphincta pyramidata? 1♀, carrying prey
Trophocampa margarita 1♀
Leo paplex 1♀

[illegible] spinulata 1♀.

17.7.38 aft. cont. Kings River, Co. Wi., cont.

4 Beetles: —

19th July 1938. Taken in St Anne's, Clontarf, Co. Du. [10 specimens] by E. O'Mahony.
Homonotus cf. dimidiatus dark var. of ♀? ([illegible])

Anteon 1♀ (labelled 19/7/1940! OMS)
Microgaster globatus 1♀ ″
Leptacis [illegible] 3 (1♂, 2♀♀?) ″
Aspilota politula? 1 fine ♀, 23-seg. ant. ″
A. ? very small [illegible] 1♀, 21-seg. ant. ″
Dacnusa bathyzona 1♂, 1♀, very nice specimens! ″

24th July 1938. Taken at Ballymount, Co. Du. (in garden) by E. O'Mahony (2 specimens).
Blacus rufus 1♂.
Coelinius sp.? 1♂, 42-seg. antennae [illegible]

24th July 1938. A fine day with falling glass & very much hot sun in afternoon, not much in morning; but wind (SW) very strong & flies in shelter terribly annoying.

Drove to Kippure Mount Lodge & collected there till lunch, then back to the "potatoes" at Altidore, where left car & walked across the [illegible] between the Ballylow & the Ballydonnell Brook & back again. Then home.

11.30 AM – 1.15 PM

Birch scrub, &c., between road & the Liffey just west of Kippure Lodge, Altidore, Co. Wi.

Bombus agrorum above seen & mainly old worn ♀☿

Andrena subopaca ? seen [29 left, labelled | Altidore Wi. [illegible] 24.7.38] AWS 21/5/4[illegible]

Mellinus arvensis ♂♂ common

Crabro cephalotes 1♀ on oak near R. Liffey, by stream on W side of marsh just below road to Altidore, ½ mile below Kippure Lodge gate.

C. styrius 1♀ with bait

C. IV maculatus 1♀ with bait

[illegible]

[illegible] , 1 [illegible] ♀

C. [illegible] ♀ [illegible] , [illegible] , [illegible]

=

24.7.38 cont. Kippure Lodge, Altidore, Wi. cont.

Perithous mediator 1♂

Stenomacrus ridibundus 1♂

[illegible] Exochus

[illegible] 1♀, 39-seg. ant. =

Mesochorus, [illegible], ♂ = the [illegible] ?

Apanteles [illegible] 10♂1♀.

Euphorus pallidistigma 1(♀?)

Opius, 1♀, antennae broken, short [illegible] = D. [illegible], not kept!

Aspilota [illegible] (Head very wide, [illegible] very small) 1♀, 17-seg. ant. (Very [illegible])

A. [illegible] 1♂, 18-seg. ant.

Dacnusa [illegible] 1♀

D. (Gyrocampa) [illegible] 1♀, the first seen in the locality

Proctos. 10, various sp. =

24.7.38 cont. 2-15 PM.

S. bank of R. Liffey where old "footstick" (now broken down) crossed river, at Athdown, Co. Wi.
All taken in one "sweep" as I came up path after crossing the river.

11 kept & these labelled {R. Liffey Athdown Co. Wi. AWS 24.7.38}
A.W.S 29/2/40.

Anilasta 1♂. G. – 1♂

Exolytus 1♂.

Campoplegid ♂ : = Holocremnus?

Orthocentrus of [illegible] 1♂.

Microgaster politus? 1♂. fide Marshall's original description. vide
A.W.S 26.3.40.

Trachyusa aurora 1♀, the first one. [illegible]

Proctos. 4 : =

24.7.38 cont. 2-15 – 4-30 PM.

Swept along [illegible], or in boggy field below Ballylow House, or in plantation on W. side of the Ballydonnell Brook, Co. Wi.

17 kept & those → labelled {Ballydonnell Athdown Co. Wi. AWS 24.7.38}
A.W.S 22/2/40.

24.7.38 cont. Ballylow – Ballydonnell, Athdown, Co. Wi cont.

Microcryptus? 1♀.

Hemiteles [illegible] small ♀. [illegible]

Homocidus pallipes 1♂, with black hind coxae (Roman 19.x.29?)

Stenomacrus? of [illegible] 1♂, 28 seg. ant.

[illegible] dentipes 1♂, 26-seg. ant.

Plectiscid, 1♂, 21-seg. ant. : =

Bracon fuscicoxis ♂.

Apanteles infimus? 1♂

Blacus paganus? 1♂

Opius [illegible] 1♂.

O. cingulatus 1♂

Aspilota rufula 1♂, 18-19 seg ant.

A. crassicornis? 1♀, very small, with 23 seg ant.

Aphidius dissolutus? 1 beautiful ♀

Procto. 3

// 24.7.38 cont. P.T.O. →

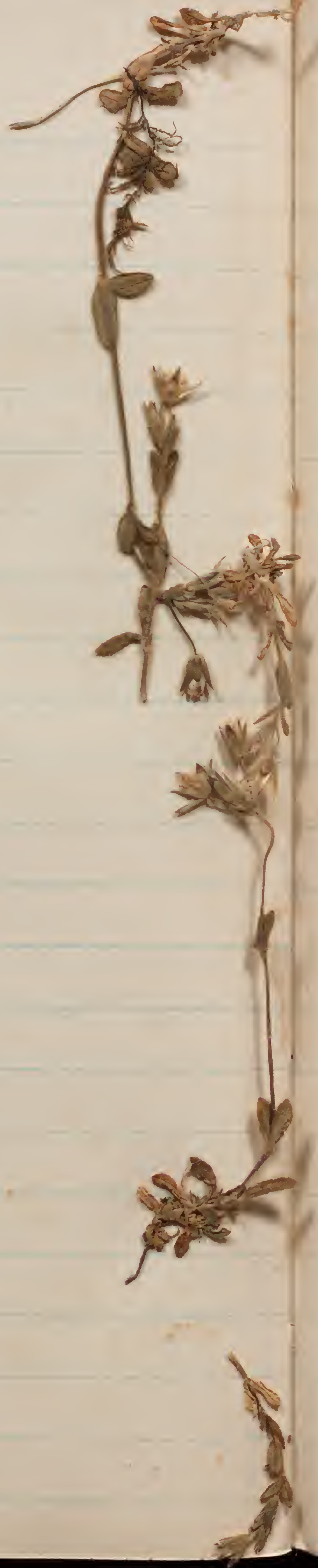
318.

26th July 1938. Taken on the Burrow N. of Portrane, G. Lee & C. H. Ellis.

Heleomyza [illegible] 1

24th July 1938, evening
Garden, 4 Claremont Rd, Harold's Cross, Dub.
A.W.S.

[illegible] commutata long legs ♀



[illegible]

3/2 – 3

~~stepmia ✓~~

~~Viola~~ ~~[illegible]~~ ~~?~~

~~Turlongh~~

~~Burney~~

~~Ellane~~

~~C.D. June 1938.~~

~~? Weldon McAbee!~~

mounted!
AHS